Construction News

SEPTEMBER BUILDING OPERATIONS

Reports for building operations during the month of September show a wonderful increase over the same period of last year, the percentage of gain being slightly over 30%. The only section of the country in which no increase was shown was the Western states and this no doubt is due to the large amount of buildings completed for the exposition last year.

In the Eastern states building operations for the first nine months of the year as compared with the same period of last year show a $9,000,000 increase. In all other sections there has been a decline, especially is this noted in the Western states where there is a falling off of over $34,000,000.

In the following table is given the estimated cost of contemplated buildings from plans filed with the various building inspectors:

EASTERN STATES

	Month of September 1915	1914	First Nine Months of Year 1915	1914
Albany, N. Y.	$340,965	$267,325	$3,019,460	$5,323,475
Baltimore, Md.	595,393	577,692	.....	.....
Boston, Mass.	2,582,417	546,179	18,770,726	14,815,623
Bridgeport, Conn.	720,260	314,890	6,834,647	2,948,036
Buffalo, N. Y.	987.000	761,000	9,253,000	9,260,006
Elizabeth, N. J.	93,834	72,309	875,423	1,051,622
Hartford, Conn.	349,250	129,010	4,083,878	3,000,356
Hoboken, N. J.	9,080	10,000	575,044	740,727
Jersey City, N. J.	224,112	154,467	3,775,617	2,974,116
Newark, N. J.	662,458	231,660	6,457,568	8,671,940
New Bedford, Mass.	462,550	462,225	2,797,104	2,515,027
New Haven, Conn.	1,478,499	431,610	5,574,822	3,337,802
New York N. Y.	.....	.....	.....	.....
Bronx	1,224,800	1,156,300	20,555,050	18,439,268
Brooklyn	3,495,913	3,206,660	14,445,620	33,099,510
Manhattan	3,739,850	5,109,050	54,732,150	39,600,090
Queens	1,330,175	1,172,540	16,129,186	15,216,085
Passaic, N. J.	96,162	20,860	870,522	774,164
Paterson, N. J.	120,581	72,783	1,221,424	1,373,198
Philadelphia, Penn.	4,731,670	1,811,250	31,451,625	30,221,630
Portland, Maine	122,850	25,020	1,270,129	971,615
Reading, Penn.	62,875	47,150	883,300	1,090,350
Rochester, N. Y.	564,845	666,554	6,856,810	7,570,636
Springfield, Mass.	312,510	255,016	4,418,549	4,281,205
Syracuse, N. Y.	302,315	219,085	3,301,757	2,199,540
Utica, N. Y.	78,565	215,525	1,587,655	1,332,570
Worcester, Mass.	592,735	181,115	3,572,206	3,979,259
Totals	$25,281,664	$18,117,275	$223,312,272	$214,787,850

SOUTHERN STATES

	Month of September 1915	1914	First Nine Months of Year 1915	1914
Atlanta, Ga.	$677,745	$170,804	$3,793,182	$4,038,536
Birmingham, Ala.	157,934	162,315	1,450,375	2,827,860
Chattanooga, Tenn.	51,165	77,387	383,963	957,007
Ft. Worth, Tex.	69,580	72,720	870,232	1,665,533
Houston, Tex.	206,510	104,042	1,283,708	3,120,049
Louisville, Ky.	506,110	267,370	3,046,845	3,734,475
Memphis, Tenn.	209,535	132,160	2,229,608	2,655,709
New Orleans, La.	315,816	159,277	2,624,290	2,329,569
Norfolk, Va.	130,842	58,731	1,407,517	1,871,146
Richmond, Va.	242,763	72,305	2,503,111	2,817,585
San Antonio, Tex.	164,535	188,123	.....	.....
Tampa, Fla.	111,975	61,210	.....	.....
Washington, D. C.	1,850,442	390,511	9,257,581	7,702,789
Totals	$4,694,952	$1,916,955	$28,850,412	$33,720,258

CENTRAL STATES

	Month of September 1915	1914	First Nine Months of Year 1915	1914
Akron, Ohio	$381,925	$267,325	$3,531,020	$3,177,530
Canton, Ohio	340,525	102,200	1,532,840	1,419,705
Cedar Rapids, Iowa	129,000	264,000	2,346,000	1,576,000
Chicago, Ill.	8,569,600	4,925,900	64,811,430	63,760,710
Cincinnati, Ohio	1,224,130	665,608	10,996,894	7,837,668
Cleveland, Ohio	2,356,620	2,132,970	24,890,299	21,672,855
Columbus, Ohio	504,710	491,725	4,103,560	4,863,256
Des Moines, Iowa	218,470	380,650	1,444,490	1,650,058
Duluth, Minn.	285,321	187,829	2,119,282	2,372,693
Grand Rapids, Mich.	205,813	427,624	2,039,316	3,172,664
Indianapolis, Ind.	1,255,792	411,628	5,578,588	6,980,469
Kansas City, Kan.	64,325	62,163	773,958	922,151
Kansas City, Mo.	778,425	565,035	7,838,750	9,105,360
Milwaukee, Wis.	2,961,938	1,162,004	9,708,502	8,187,351
Minneapolis, Minn.	945,730	881,275	12,176,951	12,924,940
Oak Park, Ill.	454,253	129,560	2,388,573	1,758,150
Omaha, Neb.	359,055	312,360	3,920,875	4,102,723
Peoria, Ill.	266,140	133,325	.....	.....
St. Louis, Mo.	800,185	519,639	8,802,482	10,422,715
St. Paul, Minn.	1,038,329	2,811,936	8,502,925	12,430,645
Toledo, Ohio.	701,648	360,358	6,012,947	5,263,622
Youngstown, Ohio.	164,430	459,025	1,917,467	2,534,851
Totals	$24,006,364	$17,654,139	$185,437,149	$186,136,116

WESTERN STATES

	Month of September 1915	1914	First Nine Months of Year 1915	1914
Denver, Colo.	$194,260	$1,007,130	.....	.....
Los Angeles, Calif.	828,758	1,106,064	$9,212,071	$14,280,932
Oakland, Calif.	474,203	354,262	3,773,314	3,635,321
Portland, Ore.	299,820	309,140	4,031,852	5,770,185
Salt Lake City, Utah.	284,309	481,850	1,061,456	2,596,959
San Francisco, Calif.	1,086,912	830,018	10,123,475	24,991,564
San Diego, Calif.	126,347	111,231	903,294	2,684,877
Seattle, Wash.	471,615	547,190	4,431,780	10,517,160
Spokane, Wash.	145,010	42,265	957,479	3,146,633
Tacoma, Wash.	40,613	86,826	589,666	1,799,033
Totals	$3,951,847	$4,875,976	$35,084,387	$69,422,664

RAILWAYS—STEAM AND ELECTRIC
Proposed Work

Connecticut—Torrington, Thomaston Traction Co., recently incorporated, plans railway from Torrington to Thomaston, about ten miles. Hosea Mann, Pres.

New York—Long Island Ry. Co. has applied to Public Service Commission of First District for permission to build line from Flushing to Creedmoor, about 5.4 miles. J. R. Savage, Jamaica, Ch. Engr.

New York—New York Ry. Co. asked Board of Estimate, New York, for franchise for double-track line from Central Park through 86th St. to Broadway.

Virginia—Chesapeake & Ohio Ry. Co. plans branch line from Elko to James River and across Epes Island. B. T. Jellison, Richmond, Pur. Agt.

South Carolina—Chamber of Commerce, Sumter, plans electric line from Sumter to Shiloh to I. Reardon, Sumter, Secy. of Committee, and R. F. McLellan, Ch. Engr.

Florida—Central of Georgia Ry. plans to extend its line to Munson, Fla., to connect with lumber road of Stearns & Culver Lumber Co. C. K. Lawrence, Savannah, Ch. Engr.

Tennessee—Surveys made for proposed Carolina, Greenville & Northern Ry. between Bristol and Knoxville, via Kingsport, Newport and Sieverville.

Kentucky—Cincinnati, New Orleans & Texas Pacific Ry. Co. has had surveys made for double-tracking its line between Somerset and Flat Rock and from Tateville to Greenwood. C. Dougherty, Cincinnati, Ohio, Ch. Engr.

Indiana—New York Central R.R. and city of South Bend contemplate an expenditure of $3,000,000 for separating grades at 20 points in the city. G. W. Kittredge, New York, N. Y., Ch. Engr.

Illinois—Chicago, Milwaukee & St. Paul Ry. Co. at recent meeting decided to electrify all lines in west where power is available. C. F. Loweth, Chicago, Ch. Engr.

Wisconsin—Chicago & Wisconsin Valley Ry. Co. will complete its line between Portage and Madison, Wis.

Wisconsin—Citizens of Ettrick voted $75,000 bonds to aid construction of Ettrick & Northern Ry. Co. line through Ettrick and Preston to line of Green Bay & Western Ry. C. J. Van Tassell, Whitehall, Engr. Noted Sept. 9.

Wisconsin—Illinois Central R.R. plans to extend its line from Champion, Mich., to Madison, Wis. A. S. Baldwin, Chicago, Ill., Ch. Engr.

Minnesota—Duluth & Iron Range Ry. Co. will be extended to Consolidated Vermilion & Extension Co.'s Mud Creek mine. W. A. Clark, Duluth, Ch. Engr.

Minnesota—Minneapolis, St. Paul & Sault Ste. Marie Ry. Co. contemplates line from Duluth or Mahnomen to Carrington, N. D. G. R. Huntington, Minneapolis, Gen. Mgr.

North Dakota—Bids will be received until Oct. 15 by Haynes Coöperative Coal Mining Co. for material to lay 3.4 miles of standard gage track from Haynes, N. D., to coal mine.

Michigan—Oliver H. Lau, Detroit, is back of movement to build electric railway between Pontiac and Owosso.

Montana—Great Northern Ry. Co. will commence construction in spring of line in Winnett section. F. A. Bushnell, St. Paul, Minn., Pur. Agt.

Missouri—Belleview & Western R.R. Co., incorporated to build a railway from Graniteville to Belleview, Mo. William R. Orthwein and Louis Hudson, St. Louis, incorporators.

Missouri—Kansas City Connecting Ry. Co. has applied to Supreme Court for hearing in November on construction of seven miles of track to connect trunk lines in Kansas City to Kansas City stock yards.

Missouri—Missouri Pacific Ry. plans to extend its line from Hollister south to beyond Bergman. E. A. Hadley, St. Louis, Ch. Engr.

Texas—A. R. Cradford, Normangee, and associates plan interurban railway from Beaumont to Waco, via Normangee, Madisonville, Huntsville and Cold Springs, about 200 miles.

Texas—Southwestern Traction Co. having surveys made for its proposed interurban railway between Dallas and Stephenville, via Cleburne and Glen Rose, about 100 miles. W. G. Haack, Temple, Gen. Mgr. and Pur. Agt.

—T. H. Wheelis, Chicago, Ill., and J. Y. Pearce, Ballinger, Tex., are interested in an interurban railway between Ballinger and Robert Lee, via Bronte, about 45 miles.

Oklahoma—Election contemplated by citizens of Henryetta to vote bonds for municipal street car and interurban line, about eight miles. Estimated cost, $185,000. James Liggett, interested. Noted Sept. 30.

Oklahoma—Sapulpa & Oil Field Ry. Co. has been granted franchise and will build line 14 miles long to Drumright in Cushing oil field. S. W. Barnes, Kansas City, Mo., interested.

Colorado—Arkansas Valley Ry. Co. plans to connect towns in Arkansas Valley between La Junta and Cripple Creek with electric line. H. M. Byllesby Co., Chicago, Ill., interested.

Utah—Alta Consolidated Ry. Co. will build narrow gage railway in Utah. H. B. Cole and George Ford, Salt Lake City, interested.

Arizona—Atchison, Topeka & Santa Fé Ry. will soon award contract for branch line from Seligman to Gagdad, tapping Hillside mining district. J. A. Jaeger, Prescott, Ch. Engr. Noted Sept. 16.

California—Board of Supervisors of San Francisco has approved plans for extension of municipal railway from Tenth Ave. to Golden Gate Park, to Fourth Ave. and then to Irving St.

California—Patterson & Western R.R. Co. incorporated to build a railway in Santa Clara and Stanislaus Counties. R. J. Pratt, 3388 Clay St., San Francisco, interested.

California—Southern Pacific Co. will build branch line from Adobe Station, Tulare County, to Rocky and Magnesite Hill. Thomas Hood, San Francisco, Ch. Engr.

Bids In and Contracts Awarded

Kansas—Newton, Kansas & Nebraska R.R. awarded contract for railway from Newton through Harvey, McPherson, Dickinson, Saline, Clay and Washington Counties to NEWTON CONSTRUCTION CO. S. O. Waddell, Newton, Ch. Engr. Noted Sept. 19.

Wyoming—Contract awarded to WATT BROS., Upton, for completing railroad grade into Clearmont.

Oklahoma—Beaver, Mead & Englewood R.R. Co. awarded contract for extension of line from Beaver to Forgan to BEAVER CONSTRUCTION CO.

LIGHT, HEAT AND POWER

Proposed Work

N. Y., Corning—Construction of reservoir to utilize waters of Lake Wayne and Lamoka and hydro-electric plant on shores of Lake Keuka to furnish electricity to Corning, about 24 miles distant, and Hammondsport contemplated. A dam will be constructed on David Smith farm near Savona and electricity transmitted to Savona, Campbell, Bath and other places. Robert O. Hayt, Corning, Engr.-in-Charge.

Penn., Bally—Citizens voted $6000 bonds for municipal electric-light plant.

Md., Salisbury—Eastern Shore Gas & Electric Co., Delaware, has acquired properties of Salisbury, Light, Heat & Power Co., Salisbury, and Cambridge Gas, Electric-Light & Power Co., Cambridge. Plans being considered for extending power plant and transmission lines.

W. Va., Hinton—Plans being considered by Virginia-Western Power Co. for steam electric plant near Hinton to supply electricity to various towns.

N. C., Lenoir—Construction of hydro-electric plant at Poovey Shoals contemplated by Citizens Light & Power Co.

S. C., Orangeburg—See item under "Water Works."

Ga., Cumberland Springs—(Tullahoma post office)—Cumberland Springs Co. contemplates electric-light plant.

Ga., Nicholls—See item under "Water Works."

Ga., Summit—Citizens of towns of Summit and Graymont, Emanuel County, voted $5000 bonds for electric-light plant. Noted Sept. 9.

Ala., Gadsden—Construction of municipal electric-light plant contemplated. W. G. Bellenger, Mayor.

Ohio, Cleveland—A site at East 55th St. and New York Central R.R. secured by Cyclone Woven Wire Fence Co., on which they will build power block. Estimated cost, $150,000.

Ohio, Elyria—Lorain County Engineering Co. submitted report to City Council estimating cost of municipal electric plant at about $200,000.

Ind., Bicknell—Company being organized to construct light and power plant at Apraw Falls. A. L. Brockssmith, interested.

Ind., Goshen—Hawks Electric Co., contemplates new power plant. Estimated cost, $40,000.

Iowa, Ft. Dodge—Burns & McDonnell, Consult. Engr., Scarritt Bldg., Kansas City, Mo., preparing plans for dam in Des Moines River in connection with hydro-electric power plant for Ft. Dodge.

Minn., Bertha—Franchise granted to Bottenmiller Co. for electric-light plant in Bertha.

Minn., Claremont—Claremont Electric-Light Co., granted a franchise for electric-light plant.

Kan., Ford—Municipal electric-light plant and water system contemplated by Commercial Club.

Kan., Havensville—Bonds for $8,000 voted by citizens for transmission line and electric-light system. Noted Sept. 23.

Mont., Terry—Franchise granted to L. H. Gaffney for electric-light plant.

Mo., Bevier—Citizens will vote on bond issue for improving and extending lighting system. Estimated cost, $10,000 to $15,000.

Mo., Columbia—Capacity of electric-light plant will be increased.

Ark., Tuckerman—Construction of electric-light plant contemplated.

Tex., Wharton—Wharton Ice & Power Co. purchased by Texas Southern Electric Co. who plan to improve same.

Okla., Goltry—Election will be held to vote $10,000 bonds for municipal electric-light plant.

Okla., Lahoma—Plans being considered for municipal electric-light plant.

Calif., Orange—City plans municipal electric-light plant.

Ont., Chesley—By-law passed for installation of hydro-electric power and lighting system. H. S. Sanderson, Town Clk.

Ont., Hensall—Town Council plans to install hydro-electric power and lighting systems. Alexander Murdock, Town Clk.

Ont., Toronto—Northern Ontario Power Co. plans to increase capacity of plant at Porcupine. Estimated cost, $500,000.

Bids In and Contracts Awarded

N. Y., New York—(Borough of the Bronx)—(Official)—T. Frederick Jackson, 99 John St., New York, at $12,350 was low bidder for electric equipment for P. S. No. 48 on Spofford Ave.

N. Y., New York—(Borough of the Bronx)—(Official)—Bids were received Oct. 4 by Department of Education for (a) heating and ventilating apparatus, (b) temperature regulating (c) boilers and forced draft apparatus and (d) electric ash hoist in Evander Childs High School on 184th St., near Creston and Morris Ave. (low bidders) Wells & Newton, Ave. B and 17th St., Manhattan, (a) $74,770; Johnson Service Co., 123 East 27th St., Manhattan, (b) $7,515; E. Rutzler Co., 404 East 49th St., Manhattan, (c) and (d) $8,495 and $11,979 respectively.

N. Y., New York—(Borough of Queens)—(Official)—T. Frederick Jackson, 99 John St., New York, N. Y., at $4,928 was low bidder for electric equipment in P. S. No. 41, at Crocheron and Franklin Ave., Bayside.

N. C., Ayden—J. B. McCARY CO., Atlanta, Ga., awarded contract for municipal electric-light plant.

Kan., Louisville—Contract for municipal electric-light plant awarded to FEGAN CO.

Wash., Sedro Wolley—(Official)—Contract for heating and electric work for hospital buildings at Northern Hospital at Norlum awarded as follows: Heating to DUPAR BROS., Bellingham, at $11,435; electric work to AGATTER & CO., Seattle, at $4,022.

BRIDGES

Proposed Work

Conn., New Haven—Plans being prepared for bridge over Quinnipiac River at New Haven. Estimated cost, $400,000. Frederick L. Ford, City Engr.

N. Y., Ft. Edward—Date for receiving bids for bridge over Hudson River at Ft. Edward extended to Oct. 23. Noted Sept. 30.

N. Y., Lyons Falls—Bids will be received until noon, Oct. 19, for completing bridge over Blank and Moose Rivers at Lyons Falls. Estimated cost, $59,385. Frank Williams, Albany, State Engr. Noted Sept. 30.

Penn., Lancaster Junction—(Junction post office)—Bids will be received by County Commissioners until Oct. 19, for bridge at Lancaster Junction.

Penn., Middletown—Ordinance passed by Borough Council for bridge across tracks of Pennsylvania R.R. at West Ann St.

Va., Hampton—(Official)—Bids will be received at the Clerk's Office, Hampton, until 10 a.m., Oct. 27, for bridges over Tidewater Creek, Hawkins Bridge over Long Creek and Holsons Bridge over Long Creek, Elizabeth City County. G. P. Coleman, Richmond, State Highway Comr.

N. C., Wilmington—Election will be held in New Hanover County to vote $250,000 bonds for bridges.

N. C., Winston-Salem—Norfolk & Western Ry. plans steel viaduct in connection with new union station estimated to cost $500,000.

Ga., Doctortown—Construction of a bridge across Morgan Lake and approach to east bank of Altamaha River, connecting Ludowici, in Liberty County, with Doctortown in Wayne County, contemplated. R. D. Brantley, Blackshear, Ga., interested. Estimated cost, $120,000.

Fla., Monroe—Plans prepared by Atlantic Engineering Co., Germania Bank Bldg., Savannah, Ga., for bridge across St. Johns River at Monroe. Michael Sholtz, Daytona, interested.

Tenn., Knoxville—Construction of bridge over Wrinkle's Crossing contemplated by Knoxville, Sevierville & Eastern Ry.

Ky., Lexington—Citizens of Fayette County voted $30,000 bonds for county's share of bridge across Kentucky River between Fayette and Madison Counties. Noted Aug. 19.

Ohio, Akron—Election will be held Nov. 2 to vote $1,200,000 bonds for viaduct on North Main St. and Ryder Ave. from East Market St. to Cuyahoga Falls Ave. and City limits.

Ohio, Connecticut—Plans approved by Cincinnati, New Orleans & Texas Pacific R.R. Co. for viaduct over tracks at Elm St. Philip Fosdick, City Engr.

Ohio, Delphos—Bids will be received by Board of County Commissioners of Van Wert and Allen Counties, Van Wert until Oct. 29, for bridge across Miami River and Erie Canal, Fifth St., Delphos.

Ohio, Youngstown—A viaduct, estimated to cost $600,000, will be constructed over tracks of Lake Shore & Erie R.R. in East Federal St.

Ind., Sullivan—Commissioners of Sullivan and Green counties contemplate county line bridge on Sullivan-Linton Rd.

Ill., Quincy—Bids will be received by L. L. Boyer, County Highway Supt., until 2 p.m., Oct. 15, for reinforced-concrete bridge in Columbus Township.

Ill., Waukegon—Construction of bridge over Kellogg Ravine contemplated by County Commissioners.

Iowa, Linn Grove—Bridge will be constructed across Little Sioux River at Linn Grove. Estimated cost, $10,000.

Minn., Minneapolis—Construction of concrete bridge on West Lake St. over tracks of Minneapolis & St. Louis and Chicago, Milwaukee & St. Paul R.R. contemplated.

Kan., Concordia—Bids will be received by George C. Guilbert, Clk., County Comr., until Oct. 20, for 11 reinforced-concrete bridges. Noted Oct. 7.

Kan., Hutchinson—Plans being prepared by W. B. Harris, County Engr., for concrete bridge over Arkansas River at Hutchinson.

Nebr., Lincoln—Bids will be received by H. E. Wells, Clk., Comrs. of Lancaster County, until 2 p.m., Oct. 22, for bridge over Oak Creek channel.

Okla., Chickasha—Surveys being made for new bridge. Estimated cost, $50,000. P. E. Colby, City Engr.

Idaho, Grand View—Bids will be received by G. Carlson, Chn., County Comrs., until Oct. 22, for bridge across Snake River at Grand View. Noted Oct. 7.

Idaho, Twin Falls—County Commissioners plan to construct steel bridge over Snake River at Hansen and Shoshone Falls. Estimated cost, $60,000.

Wash., Mt. Vernon—Commissioners of Skagit County plan bridge over Baker River between East and West Concrete at Mt. Vernon. Estimated cost, $60,000.

Ore., Portland—Petition presented to city for bridge across Macleay Park ravine to connect Stark St. with New Linnton Blvd.

Ore., Portland—Bids will soon be received by City for reinforced-concrete viaduct at Holgate St.

Calif., Los Angeles—Plans approved by Public Utilities Board for viaduct over tracks of Pacific Electric Ry. to connect West Boulevard and Sherman Drive. Estimated cost, $40,000.

Bids In and Contracts Awarded

Maine, Augusta—Contracts for bridge in Hayneville awarded as follows: Abutments to WISEMAN & MCPHAIL, Smyrna Mills, at $695; steel superstructure to GROTON BRIDGE CO., Groton, N. H., at $6,900. Noted Sept. 23

Maine, Frankfort—(Official)—Contract for bridge awarded to PENN BRIDGE CO., Beaver Falls, Penn. Noted Sept. 30.

N. H., Nashua—Contract for bridge over Pennichuck Brook awarded to T. J. HINES CO., Ware, Mass. Estimated cost, $8,500. Noted Aug. 19 and Sept. 23.

N. Y., Bronxville—(Official)—Contract for bridge for New York Central R.R. awarded to FT. PITT BRIDGE WORKS, Pittsburgh, Penn. Estimated cost, $10,000.

Penn., Norristown—Whitaker & Diehl, at $5,574, for concrete, and Friend & Metz, at $7,750, for steel girder type, submitted lowest bid for bridge over Towamencin Creek near Kulpsville.

Penn., Philadelphia—Contract for bridge on Sherwood Ave. awarded to F. J. BOAS, at $18,847; bridge on 54th St. over Philadelphia, Baltimore & Washington R.R. awarded to PEOPLES BROS., at $34,500.

Penn., Philadelphia—Contract for bridge across Frankford Creek at Torresdale Ave. awarded to DAY & ZIMMERMAN, at $30,361. Noted Sept. 16.

Penn., Phœnixville—(Official)—All bids received Sept. 30 for bridge across Schuylkill River between Phœnixville and Mont Clare rejected. Commissioners of Montgomery and Chester Counties have retained B. H. Davis, Consult. Engr., Whitehall Bldg., New York, N. Y., as engineer for proposed bridge and the work will be readvertised. Noted Sept. 23 and Oct. 7.

Ohio, New Lexington—Contract for bridge at Stringtown awarded to CAPITOL CONSTRUCTION CO., Columbus, at $5,545. Noted Sept. 16.

Ind., Brownstown—Contract for eight bridges for Jackson County awarded to KATTMAN & HANCOCK, Brownstown, at $8,039. Noted Sept. 2.

Ind., Collamer—Contract for bridge awarded to ELKHART BRIDGE CO., Elkhart, at $5,500.

Ind., Covington—(Official)—Contract for Ed. Martin Bridge in Troy Township, and County Line Bridge in Richland Township and Montgomery County awarded to CHARLES IRWIN, Attica, at $6,100. Noted Aug. 26.

Ind., Richmond—Contract for bridge at Main St. awarded to I. E. SMITH, Richmond, at $5,395.

Ill., Carmi—(Official)—Contract for bridge work in Carmi Township, White County, awarded to JOHN J. O'HERON & CO., Chicago, at $21,960. Noted Sept. 30.

Ill., Peoria—According to press reports contract for concrete viaduct over Dry Run on Elizabeth St. awarded to A. D. THOMPSON, at $4,250.

Iowa, Cedar Rapids—Contract for paving Avenue B bridge awarded to FORD PAVING CO., Cedar Rapids, at $8,960.

Kan., Lawrence—(Official)—Bids were received for reinforced-concrete bridge over Kansas River at Lawrence as follows: Missouri Valley Bridge Iron Co., Leavenworth, $199,910; Monarch Engineering Co., Falls City, Neb., $209,769; Winston Bros., Minneapolis, Minn., $211,052. Hendrick & Cochrane, Kansas City, Mo., Consult. Engr. Noted Aug. 12.

Kan., Oswego—County Commissioners awarded contract for seven bridges to TOPEKA BRIDGE & IRON CO., Topeka, at $8,300.

N. D., Bismarck—(Official)—Contract for concrete culverts on section line south of Wing awarded to WILLIAM FROGESTROM, Bismarck. Noted Sept. 23.

Ark., Yellville—LARIMER & BURGETT, Memphis, Tenn., at $5,000, awarded contract for bridge over Crooked Creek.

Idaho, Boise—Contract for eight reinforced-concrete bridges in Bannock County awarded to LONG & BLODGETT, Gooding, at $4,672.

Wash., Walla Walla—All bids received Sept. 10 for Swegle Bridge rejected by Commissioners of Walla Walla County. New bids will be received. Noted Aug. 5 and 19.

Calif., Hanford—MERCEREAU BRIDGE & CONSTRUCTION CO., Pacific Electric Bldg., Los Angeles, at $32,000, awarded contract for bridges and culverts.

Que., Ste. Martine—(Official)—Contract for bridge at outlet of Beau River awarded to OSIAS BIEL, at $7,840. Noted Sept. 30.

Ont., Trenton—Contract for steel work and substructure of bridge over Trent River awarded to ONTARIO BRIDGE CO., Toronto, at $132,000. Noted Sept. 30.

WATER WORKS

Proposed Work

Mass., Lenox—Lenox Water Co. contemplates new reservoir. G. F. Bouren, Comr.

N. Y., Avon—Bids will soon be received for reservoir. Estimated cost, $6,000. W. H. Clark, Avon, Water Wks., Supt.

N. Y., Huntington—Plans being considered for municipal water system. Walter E. Sexton, interested.

N. Y., Ilion—Bids will soon be received for filtration plant and pipe line. Estimated cost, $18,000. C. C. Hopkins, Rochester, N. Y., Engr.

N. Y., New York—(Official)—Bids will be received by Board of Water Supply, Municipal Bldg., until 11 a.m., Oct. 26, for buildings at Uptake and Downtake chambers of Hill View Reservoir, Yonkers. (See Adv.)

N. Y., Savona—Construction of reservoir and dam across Lamoka Valley, near Savona, contemplated.

N. J., Newark—(Official)—Bids readvertised and will be received until Oct. 21 by Water Department for meter repair station at 14th Ave. and South Eighth St.

N. J., Penpack—(Official)—Bids will be received by Frank Ludlow, Borough Clk., Borough Hall, until 8 p.m., Oct. 26, for water system. Noted Feb. 26 and Sept. 9. (See Adv.)

Del., Newport—(Official)—Election will probably be held in January to vote bonds for water and sewer systems. Noted Sept. 30.

Md., Grantsville—(Official)—See item under "Sewers."

Md., Silver Springs—Harry Stevens, Union Trust Bldg., Washington, D C., preparing plans for water system. Estimated cost, $40,000. Noted Aug. 19.

Va., Altavista—Plans being prepared for water and sewer system. Estimated cost, $35,000. Anderson & Christie, Commercial Bldg., Charlotte, Consult. Engr. Noted Aug. 26.

Va., Norfolk—Board of Control will receive bids for two dams and spillway at Lake Taylor and rebuild clear-water basin. W. H. Taylor, Jr., City Engr. Estimated cost, $36,102.

Va., Petersburg—Council contemplates bond issue for $200,000 for water and sewer mains.

Va., Williamsburg—Bonds for $30,000 voted by citizens for water system. Noted Sept. 23.

S. C., Orangeburg—James E. Salley, City Electrician, preparing plans for enlarging and extending water system and electric-light plant. Estimated cost, $50,000. Noted Oct. 7.

S. C., Spartanburg—Bids will be received until Oct. 19 by city for improvements to pumping station. S. A. Bush, Supt. of Water-Wks. Noted Sept. 23.

Ga. Acworth—City plans to install new water system and electric light plant. George L. Lemon, Mayor.

Ga., Coolidge—W. Hopson Goodlie, Macon, prepared plans for water-works improvements. Estimated cost, $5,000. Noted Sept. 16.

Ga., Fitzgerald—Construction of reservoir contemplated by city.

Ga., Nicholls—Public Utility Co., Waycross, will build water system and electric-light system.

Ala., Citronelle—Citizens voted $15,000 bonds for water system. Edward B. Kay, Tuscaloosa, Consult. Engr.

Ala., Scottsboro—Bonds for $5,000 voted by citizens for extension to water system. W. C. Maples, Clk.

Miss., Philadelphia—Bonds for $30,000 for water system and sewer system voted by citizens. W. D. Gillis, Mayor. Noted Sept. 2.

La., Oakdale—Plans being prepared for water system. Estimated cost, $25,000. R. E. L. Ricketts, City Secy. Noted Sept. 16.

Ohio, Akron—Bids will be received until noon, Oct. 17, by C. P. Parker, for 100 fire hydrants and for dismantling, moving and erecting pumping engine in Wooster Ave.

Ohio, Cincinnati—(Official)—Election will be held Nov. 2, to vote $400,000 bonds for high pressure fire service. Noted Sept. 30.

Ohio, Cincinnati—Bonds for $210,000 sold for stand pipe and equipment in Kennedy Heights.

Ohio, Cleveland—Bids will be received until noon, Oct. 17, by A. R. Callow, Comr. of Purchases and Supplies, for steam mains and for insulation for underground steam mains for filtration plant at Division pumping station.

Ohio, Defiance—Bids will be received until Oct. 23, by Charles J. Thompson, Special Master Comr., for purchase of plant of Defiance Water Co.

Ohio, Fremont—David E. Adams, State Sanitary Engr., recommends filtration plant.

Mich., Watervliet—Election will soon be held to vote $18,000 bonds for water system.

Ill., Galesburg—Election will be held Oct. 19 to vote $95,000 bonds for improving water system and electric-light plant. Noted Sept. 30.

Ill., Watertown—Bids will be received until 3 p.m., Oct. 18, by Frank D. Whipp, Fiscal Superv., for steam and motor driven pumps for Watertown State Hospital.

Wis., Hayward—Plans being prepared for improving water system. Estimated cost, $11,000.

Wis., Pulaski—Plans being prepared by Steller Engineering Co., Load & Trust Bldg., Milwaukee, for water and sewage system.

Iowa, Luverne—(Official)—All bids received Oct. 6 for water system rejected. New bids will be received until 3 p.m., Oct. 22, by R. E. Cook, Town Clk. Noted Sept. 23.

Minn., Aurora—Bids will be received by Alfred E. Hill, Village Clk., until Oct. 20, for concrete reservoir and brick pumping station, also for two 660-gal. pumps. Noted Sept. 30.

Kan., Russell—Plans have been approved by State Public Utilities Commission for water system. Estimated cost, $18,000. Noted Sept. 9.

Kan., Soldier—Citizens defeated $10,000 bonds for water system.

S. D., Dallas—Citizens voted $12,000 bonds for water system.

N. D., Bismarck—Bismarck Water Co. plans improvements to its water system.

Wyo., Thermopolis—Election will be held Oct. 19 to vote $40,000 bonds for extension of water system.

Mont., Polson—Bonds for $26,000 for water system sold.

Ark., Stuttgart—City Council plans municipal water and electric-light system.

Tex., Ft. Worth—Homan & Laird preparing plans for completing West Fork reservoir and constructing sewage disposal plant.

Tex., Galveston—(Official)—Col. C. S. Richie, U. S. Army Engr., was unable to accept position to supervise permanent water main between Galveston and Alta Loma plant as War Dept. deemed it contrary to public policy for its officers to do other than government work. Noted Sept. 30.

Tex., Galveston—Bids will be received until 5 p.m., Nov. 4, by John D. Kelley, City Secy., for mechanical equipment of air pumping engine at Alta Loma.

Tex., Lancaster—Citizens voted to issue $15,000 bonds for water and sewer system. Noted Sept. 16.

Tex., Rusk—Bonds for $5,000 for water system approved by Attorney General.

Tex., Whitney—Election will be held Oct. 19 to vote on $15,000 bonds for water system.

Okla., Altus—Citizens plan filtration plant at water system.

Okla., Clinton—Citizens plan to improve water system. Estimated cost, $75,000.

Okla., Jones—Contract will soon be awarded for municipal water system. Estimated cost, $10,000. Benham Engineering Co., Oklahoma, Engr. Noted Sept. 9.

Okla., Tulsa—Election will be held Nov. 2 to vote on $600,000 bonds for storage basin at mouth of Shell Creek.

Colo., Platteville—Plans being prepared by L. L. Stimson, Greeling, for water system. Noted Sept. 9 and 30.

Idaho, Pocatello—Plans being prepared by Bennock Engineering Co., Pocatello, for municipal water system. Estimated cost, $400,000. Noted Aug. 19.

Utah, Salt Lake City—Bids will be received some time in November for dam in Parley's Cañon for water storage. Estimated cost, $100,000. Noted Sept. 16.

Ore., Portland—Construction of concrete dam at Bull Run River headworks contemplated by City. Estimated cost, $110,000.

Que., Lennoxville—Bonds for $40,000 for water system voted by citizens of Lennoxville, Que., and not Lennoxville, Ohio, as stated in our issue of Sept. 30. Noted Sept. 30.

Ont., York—Report submitted to council of York Township by H. Gall, Engr., for water system for southern portion of York Township. Estimated cost, $750,000.

Bids In and Contracts Awarded

N. Y., Albany—Lowest bid received for new wells at Central Islip State Hospital was that of A. J. Connolly, 100 South 10th St., Newark, N. J., at $4,800.

N. Y., Jamestown—(Official)—Contract for 10-in. driven wells awarded to ARTESIAN WELL & SUPPLY CO., Providence, R. I., at $10,175. Noted Sept. 16.

N. Y., New York—(Borough of the Bronx)—Bids were received by Department of Water Supply, Gas and Electricity for laying water mains in Westchester Ave., as follows: Victory Contracting Corporation, 308 East Fourth St., Brooklyn, $37,911; Dominic Tucillo, $37,912 and Beaver Engineering & Contracting Co., $39,287.

N. Y., New York—Contract for electrical operating equipment for gang-driven valves and sluice gates at Ashokan, Kensico, Hill View and Silver Lake Reservoirs under Contract No. 161 awarded to LORD ELECTRIC CO., 105 West 40th St., New York, N. Y., at $32,982. Noted Sept. 16.

Penn., Allentown—Contract for water system for University Heights awarded to HUGH E. CRILLY. Estimated cost, $10,000.

Penn., Philadelphia—(Official)—Contract for turbo centrifugal pumps at Shawmont Pumping Station and stoker's equipment at Queen Lane Pumping Station awarded to M. L. BAYARD, 704 Penn. Bldg., Philadelphia, at $90,000. Noted Sept. 16.

Ohio, East Liverpool—Contract for river intake pier, river intake line, suction equipment, filter plant, including settling basins and wash tanks awarded to T. A. GILLESPIE CO., Pittsburgh, at $96,502; contract for laying pipe, force mains and valves to J. I. DUCK, Scottdale, Penn., at $94,472. Noted Sept. 23.

Ohio, Hamilton—Bids were received Oct. 5 for c.-i. water pipe as follows: United States Cast-Iron Pipe Co., $23.50; American Cast-Iron Pipe Co., $23.60 and Clamorgan Pipe & Foundry Co., $23.75.

Ohio, Ironton—No bids were received for sale of $100,000 water works bonds.

Wis., Kewaunee—Contract for water system awarded to F. M. GRAY, JR., Milwaukee. Bonds for $30,000 sold for this purpose. Noted Aug. 19.

Iowa, Luverne—Circular Construction Co., Minneapolis, Minn., at $4,426, submitted lowest bid for reservoir.

Iowa, Terrill—Contract for water system awarded to PUBLIC SERVICE CONSTRUCTION CO., at $7,379. Noted Sept. 30.

Kan., Spearville—Contract for water system awarded to BICKELL CO., 700 Interstate Bldg., Kansas City, Mo., at $20,543. Noted Sept. 9.

Neb., Hastings—Contract for driving wells and furnishing motor driven centrifugal turbine pump awarded to HYDRAULIC ENGINEERING & MACHINERY CO., Lincoln, at $4,970. Noted Sept. 9.

N. D., Minot—(Official)—Contract for two miles of water mains awarded to GEORGE W. KEMPER, Minot, at $18,057. Noted Sept. 23.

Ark., Leslie—Contracts for water system awarded as follows: Pipe to AMERICAN CAST IRON PIPE CO., Birmingham, Ala.; hydrants and valves to COLUMBIA IRON WORKS, Chattanooga, Tenn.; pumps to HOSHELL MACHINE CO., Memphis, Tenn.; reinforcing steel work to CORRUGATED METAL CO., Buffalo, N. Y. Bonds for $28,800 sold for this purpose. Noted July 29.

Ark., Malvern—LANE & BOWLER, Stuttgart, awarded conditional contract for drilling several test holes for pure water supply. If successful, bonds will be sold for water system.

Ore., Halfway—Contract for material for gravity water system awarded to CRANE CO., Portland.

B. C., New Westminster—Contract for 4,800-ft. riveted steel pipe awarded to VULCAN IRON WORKS, at about $7,000.

SEWERS

Proposed Work

Conn., Stratford—Board of Finance voted $150,000 bonds for sewer system. Noted Sept. 9.

N. Y., Greenwich—Election will be held Oct. 6 to vote $7,500 bonds for sewer pipe on Elman Ave., Main and Bridge St.

N. Y., New York—(Borough of Manhattan)—(Official)—Bids will be received until 2 p.m., Oct. 19, by Marcus E. Marks, Borough Pres., for repairs to sewer under Pier 40, at Clarkson St., North River.

N. Y., Olean—(Official)—Bids will be received until 5 p.m., Oct. 18, by Common Council for sewers in Stowell Ave. and South Eighth St. A. G. Harvey, Supt. of Streets.

N. Y., Rye—Citizens contemplate sewer extensions. Estimated cost, $150,000. John A. Ehler, Eng.

N. J., Madison—H. King Conklin, 665 Broad St., Newark, is in the market for sewer pipe for Academy Rd. for Madison Realty & Improvement Co.

N. J., Paterson—Plans prepared for sewage-disposal plant and pumping station for borough of Prospect Park. Harold J. Harder, Paterson, Engr. Estimated cost, $100,000.

Penn., Greensburg—Samuel Dixon, Health Comr., authorized sewage-disposal plant. Estimated cost, $250,000.

Penn., Sharon—Election will be held in November to vote $185,000 bonds for sewage disposal plant. Noted Sept. 23.

Penn., Steelton—Edward Lewis, Secy., Bd. of Health, favors sewage-disposal plant. Estimated cost, $12,000.

Md., Crisfield—(Official)—State Board of Health has ordered installation of sewer system.

Md., Grantsville—(Official)—William Harvey, Frostburg, making surveys for installation of sewer and water systems.

W. Va., Parkersburg—Bids will be received until Oct. 20 for 8-in. sanitary sewers in various streets. Frank Good, City Clk.

N. C., Durham—Bids will be received until Oct. 18 for sanitary sewers, manholes and flush tanks. H. W. Kueffner, Engr.

N. C., High Point—City will spend $60,000 for extending sewer outlet. W. P. Pickett, Mayor.

Fla., Starke—(Official)—Bids will be received about Jan. 1 for $26,000 sewer bonds. C. F. Hoover, Mayor. Noted July 29.

Ala., Citronelle—Bonds for $10,000 for sewer system voted by citizens. Edgar B. Kay, Tuscaloosa, Engr.

Miss., Philadelphia—Bonds for $30,000 voted by citizens for sewer and water systems. M. L. Cully, Jackson, Engr. Noted Sept. 2.

La., De Ridder—First Sewerage District plans $41,000 bond issue for sewer extensions. J. E. McMahon, Pres.

Tenn., Cleveland—Bids will soon be received for sewer system. Walter G. Kirkpatrick, Birmingham, Ala., Engr. Estimated cost, $75,000.

Ohio, Bowling Green—Bids will be received by W. A. Mariner, Dir. Pub. Ser., until Oct. 16, for sewer construction.

Ohio, Canton—Bids will be received about Nov. 1, according to press reports, for sanitary sewer system. W. E. Sarver, Engr.

Ohio, East Liverpool—Bids will be received until Oct. 18 for 6-in. sanitary sewer in McKinnon, Smith, Orchard Grove and Fairmount St. E. J. Smith, Dir. of Pub. Ser.

Ohio, Findlay—Council authorized sewer in South Findlay on Chamberlain Hill. Estimated cost, $7,380. J. Stringfellow, City Engr.

Ohio, Xenia—(Official)—Bids will be received until noon, Nov. 2, by City Auditor for sale of $60,000 bonds for sewage-disposal plant.

Ind., East Chicago—Bids will be received until 1:30 p.m., Oct. 15, by Board of Public Works for main sewer in Washington St. T. Y. Richards, City Clk.

Ind., Logansport—Bids will be received until 10 a.m., Oct. 19, by Frank V. Guthrie, Bd. of Pub. Wks., for sewer in Race St., Linden Ave.

Mich., Zeeland—Plans being prepared by J. R. Rumsey, Consult. Engr., Grand Rapids, for extension of sewer system.

Ill., Chicago—Proposition presented to Sanitary District Board by Stock Yards Packing Corporations for improved drainage system to flow into Bubbly Creek. Work will include construction of new sewers.

Ill., Upper Alton—Bids will be received by Frank Whipp, Fiscal Superv., Springfield, Ill., until 3 p.m., Oct. 25, for tunnel work and sanitary storm and water sewers at Alton State Hospital.

Wis., Embarrass—Village plans to install sewer system.

Wis., Ripon—Bids will be received until 4 p.m., Nov. 5, by Board of Public Works for sewer in South Grove St. Jay E. Carter, City Clk.

Iowa, Algona—(Official)—All bids received Oct. 5 for sewers in various streets have been rejected. New bids will be received until Oct. 27. S. W. Crowell, City Clk. Noted Sept. 30.

Iowa, Charles City—W. S. Beattie preparing plans for storm sewer system.

Iowa, Elliott—(Official)—Bids will be received until 8 p.m., Oct. 19, by Town Clerk for sanitary sewer mains. Noted Aug. 12.

Iowa, Pella—Bids will be received by A. C. Kuyper, City Clk., until 5 p.m., Oct. 29, for 14,500 ft. of sanitary sewer.

Iowa, Strawberry Point—M. Tschirgi & Son, American Trust Bldg., Cedar Rapids, preparing plans for sanitary sewers and disposal-plant. Estimated cost, $20,000.

Minn., St. Paul—Plans for sewer in Suburban Ave. and Hester St. approved by City Council.

Kan., Manhattan—Bids will soon be received for sanitary sewer in three districts. George Frank, Comr. of Pub. Utilities.

Mont., Bozeman—Bids will be received until 5 p.m., Oct. 21, by C. A. Speith, City Clk., for sanitary sewer in Special Improvement Dist. No. 106.

Tex., Crockett—Sewer system will be constructed by city. V. M. Ehlers, Engr., and J. W. Young, Mayor.

Tex., Kaufman—City contemplates building sewer system.

Tex., San Benito—Bids will be received until Oct. 20 for sewage-disposal plant. Estimated cost, $5,000. A. T. Agar, San Benito, Engr. Noted Oct. 7.

Tex., Sweetwater—City contemplates sewage-disposal plant.

Tex., Uvalde—Installation of sewage-disposal plant under consideration.

Okla., Muskogee—Bonds for $25,000 voted by citizens for sanitary sewers. Franklin Miller, Mayor.

Colo., Loveland—Council plans construction of west side sewer system.

Calif., Los Angeles—City Council plans sewers in Second Ave. and 36th St.

Calif., Stockton—Bids will soon be received for sewer work. Estimated cost, $18,693. J. Compton, City Engr. Noted Sept. 2.

Bids In and Contracts Awarded

Mass., Boston—Bids were received Oct. 6 by Metropolitan Water and Sewerage Board for Section 1 of Deer Island Outfall sewer as follows: George M. Bryne, 166 Devonshire St., Boston, $43,370; Bay State Dredging & Contracting Co., Boston, $44,358 and J. H. Ferguson, Dorchester, $50,584. Noted Sept. 30.

N. Y., New York—(Borough of Manhattan)—(Official)—W. J. Fitzgerald, 547 West 45th St., New York, was low bidder at $10,692 for receiving basins under contract 1, $11,137 for receiving basins under contract 2, $7,801 for receiving basins under contract 3 and $9,332 for receiving basins under contract 4.

N. Y., New York—(Borough of Richmond)—(Official)—Bids were received Oct. 5 for sanitary sewers in Castleton Ave.: J. E. Donovan, 2205 Richmond Terrace, Port Richmond, $8,823, and Joseph Johnson Sons, West New Brighton, $9,558.

N. Y., New York—(Borough of Richmond)—(Official)—Contract awarded to O'BRIEN & FLEMING, 109 Broad St., New York, at $4,374, for sewage-disposal plant. Noted Oct. 7.

N. Y., Rensselaer—Contracts for sewers on Spruce and Ring St. and Aiken Ave. to JOHN DOYLE, Rensselaer, at $4,020; tile sewer on Hallen Ave. to S. A. FOWLER, at $2,579; sewer from Barnett's Shoddy Mills to river to MICHAEL DOLLARD, at $3,630.

Nutley, N. J.—Contract awarded to JOSEPH CESTONE, at $16,060, for storm sewer in Park and Myrtle Ave. and to JAMES T. BOYLAN, at $5,099, for sanitary sewer in same streets.

Penn., Glen Mills—Latta & Perry, Philadelphia, was low bidder for sewage-disposal plant for Girl's House of Refuge of Pennsylvania. Franklin & Co., Philadelphia, Engr.

Penn., Philadelphia—(Official)—Department of Public Works awarded contracts for sewer work as follows: ADOLPH JAFOLLA, at $16,555, for Cobbs Creek intercepter; JOSEPH LOMBARDI, at $11,623, for Gunners Run relief extension; RICHARD WALSH & SONS, at $61,551 for Lardner St. sewer; ESTATE OF DAVID McMAHON, at $12,198, for North Mt. Pleasant Ave. sewer; C. A. CONAN, at $16,117, for Snyder Ave. sewer; FRANK MARK CONSTRUCTION CO., at $25,570, for Wingohocking extension. Noted Sept. 23.

Penn., Pittsburgh—Contract for sewers in Bilsack St. and Stobner Way awarded to M. O'HERRON CO., First and McKean St., Pittsburgh, at $12,057.

Penn., Wilkes-Barre—Contract awarded to D. M. ROSSER, Kingston, for sewer work.

Va., Charlottesville—Contract awarded to E. L. CAVE, Charlottesville, at $7,500, for sewer work.

Ohio, Port Clinton—(Official)—Contract awarded to REMELSPACH & THOMAS, Fremont, for sewer work. Noted Aug. 5.

Ohio, Toledo—Contract awarded to J. N. BICK, at $14,341, for sewer in Parkside addition.

Ind., Logansport—Contracts awarded to PALMER MOORE & CO., for Humphrey St. sewer and to WALTER GIRTON for Water St. sewer, by Board of Works.

Ill., Anna—SELL & KOILER, Pana, at $9,721, awarded contract for sewage-disposal plant at Southern Hospital for Insane at Anna.

Wis., Fond du Lac—Contracts awarded by Board of Public Works to GEORGE McCABE for storm sewer in Waupun St. and to ROBERT BERNETT for sanitary sewer in Waupun St.

Wis., New Glarus—Contract awarded to J. N. ROHERTY, Madison, for sewer system.

Wis., Wausau—Contract awarded to CARL LOTZ, Wausau, for 12-in. pipe sewer in Grand Ave.

Iowa, Peterson—Contract awarded to H. J. CATHROE, Omaha, Neb., for outlet sewer and lateral sanitary sewers.

Iowa, Peterson—All bids received for sewage-disposal plant have been rejected. J. F. Fastenow, Clk.

Minn., St. Paul—All bids received for sewer in Bay St. have been rejected.

N. D., Minot—(Official)—Contract awarded to GEORGE W. KEMPER, Minot, at $27,000, for sewers in various streets. E. J. Thomas, Engr. Noted Sept. 30.

Mont., Laurel—Contract awarded to SECURITY BRIDGE CO., Billings, for sewers in Districts Nos. 12, 13 and 14.

Mo., St. Joseph—Board of Public Works awarded contract to W. D. KELLEY for sewers in District No. 69.

Tex., Dallas—Contract awarded to JETTMUTHS CONSTRUCTION CO., Montgomery, Ala., at $97,000 for Imhoff sewage-disposal plant.

Calif., San Bruno—HAMLIN & WEHNER, San José, at $22,216, awarded contract for sewer construction.

Calif., Santa Barbara—(Official)—Contract awarded to SAMUEL KRULY, 636 Castelar St., Los Angeles, at $20,300, for sewer work. A. B. Cook, City Engr. Noted Aug. 26.

Ont., London—See item under "Streets and Roads."

GARBAGE

Proposed Work

R. I., Providence—Installation of garbage disposal plant under consideration by Aldermanic Committee on Health.

N. J., Newark—(Official)—Bids will be received until 3:15 p.m., Oct. 21, by Board of Street and Water Commissioners, City Hall, for collection and disposal of refuse for five years. M. R. Sherrerd, Ch. Engr. Noted Sept. 30. (See adv.)

Mich., Ishpeming—(Official)—Bids will be received until Oct. 15 by Board of Public Works for garbage incinerator. R. H. Olds, Recdr. Noted Sept. 30.

Wis., Madison—City Council contemplates two incinerators. Estimated cost, $17,000.

Okla., Batesville—Bonds for $6,500 voted by citizens for incinerator plant.

Bids In and Contracts Awarded

Ill., Rock Island—(Official)—Contract awarded to DECARIE INCINERATOR CO., Minneapolis, Minn., at $20,250, for garbage incinerator. Noted Sept. 30.

STREETS AND ROADS

Proposed Work

Mass., Boston—(Official)—Bids will be received until noon, Oct. 15, by Edward F. Murphy, Comr. of Pub. Wks., for sidewalks in Walk Hill St., in Bourne St. and other streets.

Mass., Taunton—Plans being considered by City Council for paving a number of streets. Estimated cost, $14,300.

Mass., Wareham—(Official)—Bids will be received until 10:30 a.m., Oct. 23, by County Commissions of Plymouth County, care of Massachusetts Highway Commission, Ashburton Pl., Boston, for 8,750 ft. of highway in Wareham.

N. Y., Albany—(Official)—Bids will be received by Edwin Duffey, State Highway Comr., 55 Lancaster St., Albany, until 1 p.m., Oct. 26, for improving various county highways. (See adv.)

N. Y., Albany—(Official)—Bids will be received until noon, Nov. 9, for paving terminal site near North Ferry St., under Terminal Contract 2-P. Estimated cost, $42,869.

N. Y., Buffalo—Bids will soon be received by Francis G. Ward, Comr. of Pub. Wks., for paving Hensey and East Wooddawn Ave. with asphalt, and Spauding and Spenger St.

N. Y., Mohawk—City plans to pave a number of streets. A. H. Wagin, City Clk.

N. Y., New York—(Borough of Manhattan)—(Official)—Bids will be received by Marcus M. Marks, Borough Pres., until 2 p.m., Oct. 19, for improving various streets and avenues of the city.

N. Y., New York—(Borough of Richmond)—(Official)—Bids will be received by Calvin D. Van Name, Borough Pres., Borough Hall, St. George, New Brighton, until noon, Oct. 19, for sidewalks on various streets.

N. J., Jersey City—Bids will be received until 11 a.m., Oct. 21, for improving Spruce St. with belgian block. Michael I. Fagen, City Clk.

N. J., Jersey City—Bids will soon be received for improving Rock St. and Wegman Parkway.

N. J., Pennsauken—Contract will soon be awarded for 22,764-ft. of sidewalk. Estimated cost, $15,000.

N. J., Trenton—Bids will be received until Nov. 9 by State Road Commissioner for road from Hightown to Princeton Junction.

Penn., Allentown—Bids will soon be received for about 10,000 sq.yd. of paving on Tenth and Howard St. C. D. Weirbach, City Engr.

Penn., Connelsville—City Council plans to pave section of Wills Rd., Angle and other streets. Estimated cost, $79,200.

Penn., Harrisburg—(Official)—Bids will be received by State Highway Department, Harrisburg, until 10 a.m., Nov. 4, for improving a number of county roads.

Penn., Philadelphia—Ordinance passed by Board of Commissioners of Lower Merion Township appropriating $50,000 for highways.

Md., Baltimore—Plans for paving Water and Mercer St. from Light to Calvert St., also several other streets, approved by Paving Commission and Board of Awards.

Va., Chase City—City contemplates bond issue for street improvements.

W. Va., Adamston—Bids will be received until 7:30 p.m., Oct. 16, by W. V. Hutchinson, Town Recdr., for grading, curbing and paving Pike St.

W. Va., Bath—(Berkeley Springs post office)—City plans an expenditure of $30,000 for paving.

N. C., Elkins—Citizens of Marsh Township voted $25,000 bonds for roads.

N. C., Raleigh—Ordinance passed by City Commissioners authorizing expenditure of $10,000 for sidewalks. Noted Sept. 9.

Fla., Crawfordville—Commissioners of Wakulla County plan to issue $15,000 bonds for roads. J. M. Towles, Clk.

Fla., Fellsmere—Election will be held to vote $50,000 bonds for paving and sidewalks. C. W. Tolmadge, Ch. Engr.

Fla., Starke—(Official)—Citizens voted $16,000 bonds for paving. Bids will be asked about January 1. Noted Sept. 30.

Fla., Tampa—Board of Public Works plans 70,720 sq.yd. of pavement.

Ala., Camden—Bids will be received until Nov. 1 by J. N. Stanford, Chn., Comr. of Wilcox County, for road in Wilcox County.

Miss., Lexington—Citizens of Holmes County, Durant District, voted bonds for roads.

Miss., Magnolia—Bonds for $75,000 sold for improving roads in Fourth District. Noted Sept. 2.

La., New Orleans—Construction of boulevard along 17 St. canal from Metarie Rd. to Lakeside contemplated by Orleans Levee Board.

La., Pinquemine—Contract will soon be awarded for about 12 miles of road on east side of Mississippi River . Estimated cost, $7,000. Noted Sept. 16.

Tenn., Pulaski—Citizens of Giles County contemplate bond issue for roads.

Ky., Lexington—Citizens voted $300,000 bonds for roads in Fayette County. Noted Aug. 12.

Ohio, Akron—Bids will be received by C. P. Parker, Dir. Pub. Ser., until noon, Oct. 17, for paving Huntingdon St., Mason and Nash St. and Rhodes Ave., also for grading Lease and Gage St.

Ohio, Alliance—Bids will be received by Charles O. Silver, City Audr., until Oct. 25, for sale of $33,190 bonds for road improvements.

Ohio, East Liverpool—Bids will be received until Oct. 16 by E. J. Smith, Dir. Pub. Ser., for improving East Sixth St. from Walnut to Sugar St., and Barlow Alley from West Ninth St. to Croxall Alley.

Ohio, Euclid—(Official)—Bids will be received by H. S. Dunlop, Village Clk., Town Hall, until noon, Nov. 8, for improving Chardon Rd.

Ohio, Findlay—Bonds for $20,950 will be sold for street improvements.

Ohio, Independence—Bids will be received by Arthur J. Goudy, Village Clk., until noon, Nov. 1, for sale of $9,500 bonds for sidewalks on Brecksville Rd.

Ohio, Zanesville—City Council plans an expenditure of $22,250 for paving a number of streets.

Ind., Goshen—(Official)—No bids were received for concrete road in Harrison Township. Noted Sept. 16.

Ind., Indianapolis—Bids will be received by Commissioners of Marion County until 10 a.m., Nov. 3, for grading road in Warren Township.

Ind., Newport—Bids will be received until 10 a.m., Nov. 1, by Commissioners of Vermillion County, for gravel roads in Helt and Clinton Townships.

Ind., South Bend—Bids will be received by C. Sedgwick, County Audr., until 11 a.m., Nov. 8, for three gravel roads in Madison Township.

Ind., Williamsport—Bids will be received by Commissioners of Warren County until 2 p.m., Nov. 1, for gravel roads in Jordan and Pike Township.

Mich., Detroit—A. Fenkell, Comr. of Pub. Wks., has recommended paving Whitney Ave. from Linwood to Wildmere St. Estimated cost, $12,500.

Mich., Sault Ste. Marie—Bids will be received by H. A. Osborn, County Rd. Comr., until 3 p.m., Oct. 18, for 7½ miles of gravel roads.

Ill., Dixon—Board of Local Improvements plans an expenditure of $25,502, for macadamizing East Everett, East Water, East Chamberlain, North Jefferson and other streets.

Ill., Des Plaines—Bids will be received by Village Clk. until Oct. 17, 4,500 sq.yd. concrete pavement.

Ill., Murphysboro—County Board of Supervisors plans an expenditure of $16,000 for roads.

Ill., Rock Island—Property owners plan to pave Eighth Ave. between 24th and 29th St. with brick. Estimated cost, $15,000.

Wis., Madison—Plans being considered for paving with ashphalt Regent St. from Park to Monroe St.

Wis., Tomah—Bids will be received by William Koopman City Clk., until noon, Oct. 16, for approximately 2,000 sq.yd. reinforced-concrete pavement.

Iowa, Des Moines—City Council plans to pave North Ave. and 23rd St.

Iowa, Jefferson—Supervisors of Greene County plan 8½ miles of gravel road.

Minn., Crookston—Bids will be received until 2 p.m., Oct. 26, by H. J. Welte, Audr., Polk County, for improving State Road No. 4.

Minn., St. Paul—Bids will be received by A. Hohenstein, Pur. Agt., until 10:30 a.m., Oct. 18, for grading and improving Edgecombe Rd. from West Seventh St. to Lexington Ave.; Field Ave. from Daven Ave. to Edgecombe Rd.; alley in block No. 13, Boulevard Addition, Stanford Ave. from Prior Ave. to Cleveland Ave.; Wellesley Ave. from Prior to Cleveland Ave.; Berkeley Ave. from Kenneth St. to Cleveland Ave.

Minn., Thief River Falls—Bids will be received by T. P. Anderson, County Audr., until 2 p.m., Oct. 18, for graveling State Rd. No. 1.

Kan., Eldorado—Commisisoners of Butler County plan one mile of rock road.

Kan., Pittsburg—Council passed an ordinance to construct concrete curb and gutter and resurface Broadway from Second to Quincy Ave.

Kan., Topeka—County Commissioners have decided to pave West 10th Ave.

S. D., Bison—Commissioners of Perkins County plan an expenditure of $28,500 for road work.

S. D., Sioux Falls—Plans prepared by A. Howe, City Engr., for paving Main Ave. from Third to Fifth St.

Mont., Anaconda—City Council created Special Improvement District No. 71 to improve Park Ave. from center of Chestnut St. to tracks of Butte, Anaconda & Pacific Ry. Co.

Mont., Livingston—City Council plans an expenditure of $10,000 for paving Park St.

Mo., Kansas City—No bids were received by Board of Park Commissioners for grading Meyer Blvd. and the Paseo. Work will be readvertised. Estimated cost, $275,000. Noted Sept. 16.

Mo., Louisiana—City Council retained J. E. Schwab, Consult. Engr., Alton, Ill., to prepare plans for improving 10 blocks.

Ark., Jonesboro—City plans to gravel and curb Main St. from Nettleton Ave. to southern city limits.

Tex., Denison—(Official)—Bids will be received until 2 p.m., Oct. 19, by Robert Gerlach, City Secy., for approximately 13,000 sq.yd. of paving.

Okla., Eufaula—Citizens defeated $25,000 bond issue for roads. Noted Aug. 12.

Wash., Bellingham—City plans an expenditure of about $16,000 for concrete walks on Chestnut and Grant St.

Wash., Olympia—An expenditure of $48,175 planned by State Highway Commission for clearing and grubbing right-of-way of Olympic Highway.

Wash., Pullman—Bids will be received until Oct. 19 by Matilda F. Gannon, City Clk., for paving in District No. 26. L. V. Edwards, City Engr.

Wash., Waitsburg—City Council plans cement sidewalks on Third and Main St. and Coppel Ave., also to gravel and macadamize Fifth and Orchard St.

Calif., Eureka—County plans to sell $125,000 bonds for highway improvements.

Calif., Los Angeles—City plans to improve Serrano, Mariposa and 53d Ave. and Normandie St.

Ont., Stratford—Town Council plans to lay sidewalks on Mowat and Birmingham St. R. R. Lang, Clk.

B. C., Victoria—City Council plans to pave Blanshard St. C. H. Rust, Engr.

Bids In and Contracts Awarded

Mass., Arlington—Contract for constructing Summer St. Blvd. between Brattle and Forest St. awarded to FRANCIS L. MAGUE, at $6,160.

N. Y., Albany—Contract for grading and sodding cement walks and curbs on boiler-house site awarded to CRAMMOND CONSTRUCTION CO., at $7,445.

N. Y., Kenmore—Contract for paving Cornell Ave. awarded to H. P. BURGARD CO., Buffalo, at $10,500.

N. Y., New Berlin—(Official)—Contract for 1,800 lin.ft. concrete paving awarded to HUGH HEVERIN, Utica, at $10,742. E. F. Musson, Engr. Noted Sept. 30.

N. Y., New York—(Borough of Brooklyn)—(Official)—Lowest bids received by L. H. Pounds, Borough Pres., Oct. 6, for regulating, grading, paving, curbing and laying sidewalks on various streets were as follows: Bay 34th St. from 86th St. to Cropsey Ave., P. Turricano Co., at $12,717; William Ave. from Hegeman to Vienna Ave., Scilian Asphalt Paving Co., 41 Park Row, New York, N. Y. (Borough of Manhattan), at $2,933; 23rd Ave. from Cropsey Ave. to 86th St., J. J. Gulnan Contracting Co., 2314 Gravesend Ave., New York, N. Y. (Borough of Brooklyn), at $8,975. Noted Sept. 30.

N. Y., New York—(Borough of Queens)—(Official)—William T. Maxwell, Flushing, N. Y., at $4,885, submitted lowest bid for improving Jerome Ave. from Boyd to Greenwood Ave., Fourth Ward, and Peace Bros., 20 Main St., Flushing, N. Y., at $4,917, for improving South Ave. from New York Ave. to Rockaway Turnpike. Noted Sept. 30.

N. Y., New York—(Borough of Richmond)—(Official)—Bids were received Oct. 5 for regulating, grading and paving Barrett Blvd., Freylinghuysen Rd. and Havenwood Rd. as follows: Joseph Johnson's Sons, $24,919 (low bidder); J. E. Donovan $29,078; C. Vanderbilt, $25,069.

N. J., Belleville—Contract for paving Eckle St. in Silver Lake Section awarded to NORTHERN CONSTRUCTION CO., Belleville, at $2.12 per sq.yd. Noted Aug. 26.

N. J., Kearney—Contract for paving Brighton Ave. from Rutland to Afton St. awarded to NORTHERN CONSTRUCTION CO., at $11,216.

N. J., Newark—Bids were received by Board of Chosen Freeholders of Essex County for improving Essex Ave. from Summit to Warren St., as follows: Union Paving Co., $25,235; W. T. S. Crinchfield, $23,850; Standard Bitulithic Co., $25,701. Noted Aug. 19 and Sept. 30.

N. J., Newark—Bids were received by Board of Street and Water Commissioners for paving Chelsea Ave. from South Orange Ave. to city line as follows: W. T. S. Crichfield, $10,809; Newton Paving Co., $10,806; Northern Construction Co., $10,512. Noted Sept. 9 and 30.

N. J., Newark—Bids were received Sept. 30 for paving North Sixth St. from Fourth Ave. to Park Ave. as follows: Glenfield Construction Co., Newark, $8,332; Northern Construction Co., Newark, $8,577; Standard Bitulithic Co., Newark, $8,592. Noted Sept. 23.

Penn., Erie—Contract for widening East Sixth St. awarded to J. & M. DOYLE, at $6,954.

Md., Annapolis—Contract for State-Aid roadway from Curtis Bay to Wagner's Point, Fifth District, awarded to SMITH & RUGGLES, 2680 Dulany St., Baltimore.

Md., Baltimore—All bids received for paving Elliott Driveway rejected by Board of Awards. Work will be readvertised. Noted Sept. 16 and Oct. 17.

Md., Baltimore—Contract for paving Alamede Rd. awarded to AMERICAN PAVING CO., Baltimore, at $16,923. Noted Sept. 9 and Oct. 7.

Md., Baltimore—Contract for road near Stockton awarded to RUSSE PARKER CONSTRUCTION CO., Hudson, at $15,793.

Md., Easton—(Official)—Commissioners of Talbot County rejected all bids for section of State-Aid highway along Harrison St. and have decided to do the work by county forces. Noted Sept. 30.

Md., Snow Hill—Contract for concrete roadway in Worcester County awarded to RUSSO PARKER CONSTRUCTION CO., Hudson, N. Y., at $15,793.

W. Va., Parkersburg—Contract for paving 19th St. from Murdoch Ave. to Avery St. awarded to PARSONS CONSTRUCTION CO., Brownsville, Penn., at $4,890.

S. C., Gaffney—Contract for paving Limestone St. awarded to SOUTHERN PAVING AND CONSTRUCTION CO., Chattanooga, Tenn., at $1.64 per sq.yd. Noted Aug. 26.

Ala., Gastonburg—CENTRAL ALABAMA CONSTRUCTION CO., at $70,000, awarded contract for road from Gastonburg to Clark County line.

Tenn., Columbia—Contract for paving various streets awarded to SOUTHERN ASPHALT & CONSTRUCTION CO., Birmingham, Ala., at about $50,000.

Tenn., Memphis—Bids were received for paving a part of Front St. with wood block as follows: Koehler Bros.-Fowler Construction Co., $7,380; E. J. Wetterstrohm, $7,509; Turney & Thomas, $7,744.

Ky., Madisonville—A. A. SMITH, at $23,139, awarded contract for piking four miles Greenville, Hopkinsville, Princeton and Calhoun Rd.

Ky., Mayfield—Contract for 10¾ miles of road between Mayfield and Graves County line awarded to C. E. CRESAP & BRO., Humboldt, Tenn., at $25,852.

Ky., Newport—Schoolfield & Jones, at $9478, submitted lowest bid for paving Tenth St.

Ky., Vanceburg—Contract for 21½ miles of road over Concord Hill awarded to W. H. KNAPP, at $11,338.

Ohio, Conneaut—Contract for paving State St. awarded to JOHN McCORMICK & SON, Erie, Penn., at $29,844.

Ohio, Coshocton—Contract for paving a portion of East Main St. awarded to JOHN HALL, at $5,327.

Ohio, East Liverpool—(Official)—Contract for Improving Jethro-Hollow Rd. awarded to McLAUGHLIN & ALLISON, at $31,268; Park Way Rd. to PATTERSON & GRAFTON, at $22,917. Noted Sept. 30.

Ohio, Letonia—Contracts for paving awarded as follows: FRANK GEORGE, Pittsburgh, Penn., at $29,968, for 2.95 miles; M. P. CONNELLY & SON, Youngstown, at $34,719, for 16,023 sq.yd.

Ohio, Mt. Gilead—Contract for paving Neal Ave. with brick awarded to GRAVES, BARRETT & LEECH, New London, at $5,637.

Ohio, Mt. Vernon—J. J. Kile, Mt. Vernon, at $7,430, submitted lowest bid for paving Ganzier Ave. with wire-cut brick, and C. L. Wright, Mt. Vernon, at $7,126, for repressed brick.

Ohio, Napoleon—Contract for extension of Napoleon-Wauseon Rd. awarded to A. L. STRAYER, Liberty Center, at $5,972. Noted Sept. 23.

Ind., Angola—(Official)—Contract for two gravel roads awarded to ALLISON FULTON, Bluffton, at $7,600 and $7,250 respectively. Noted Sept. 23.

Ind., Bloomington—Union Asphalt Co., Indianapolis, at $16,326, submitted lowest bid for paving East Sixth St. from Washington St. to Indiana Ave.

Ind., Brazil—(Official)—Contract for gravel road between Jackson and Cass Townships awarded to CAMPBELL & HAWKINS, Brazil. Noted Sept. 16.

Ind., Crawfordsville—(Official)—Contract for road in Ripley Township awarded to WILLIAM McCARTHY, Lebanon, at $6,000. Noted Sept. 23.

Ind., Ft. Wayne—Contract for paving awarded to MOELLERING & GRACE CONSTRUCTION CO.

Ind., Franklin—Contract for gravel road in Pleasant Township awarded to BYERS & BYERS, Trafalger, at $4,750. Noted Sept. 23.

Ind., Indianapolis—Contract for paving Kenwood Ave. between 30th and 38th St. awarded to MARION COUNTY CONSTRUCTION CO., Indianapolis, at $24,829.

Ind., Lebanon—(Official)—Contract for two gravel roads in Perry and Washington Townships awarded to JACKSON BROS., Lebanon, at $6,524, for Anderson F. Smith Rd., and WILLIAM E. BOLTS, at $5,237, for Lon Robinson Rd. Noted Sept. 23.

Ind., Monticello—(Official)—Contract for gravel road in Liberty Township awarded to G. A. KELLENBURGER, Reynolds, at $6,800. Noted Sept. 23.

Ind., Muncie—Contract for macadamized road in Delaware County awarded to CURTIS V. RECTOR, Muncie, at $9,000. Noted Sept. 16.

Ind., New Albany—Contract for reconstructing seven miles of Taoli Pike in Lafayette and Greenville Townships awarded to W. F. WOODRUFF, Louisville, at $41,000.

Ind., Rockport—(Official)—Contract for road in Ohio Township awarded to RUMDMAN CONSTRUCTION CO., Petersburgh, Ind., at $11,499. Noted Sept. 23.

Ind., Rockville—Contract for paving north side of public square awarded to EDWARD PATTON, Veedersburg, at $5,225.

Ind., Winamac—(Official)—Contract for road work in Tippacanoe Township awarded to JOHN BAIR, Winamac, at $8,900. Noted Sept. 23.

Mich., Detroit—Contract for improving Dwight and Dexter Blvd. awarded to DETROIT ASPHALT PAVING CO., at $5,177 and $28,627 respectively.

Ill., Chicago—Contract for paving awarded to AMERICAN ASPHALT CO., at about $145,000.

Ill., Decatur—(Official)—Contract for 17,000 sq.yd. brick pavement and for combined curb and gutter awarded to S. A. TUTTLE, Decatur, at $34,712. Noted Sept. 8.

Ill., La Salle—Contract for improving 11th and Hennepin St. awarded to T. W. KEYS, La Salle, at $13,935.

Ill., Moline—A. E. Ruthledge, Rockford, at $27,513, submitted lowest bid for paving road of Fredericks Hill to Bridge Lane and Milan Rd.

Ill., Rockford—Contract for paving Mulberry St. and portions of Oakley Ave. and Andrews St. awarded to F. K. CARRICO, at $19,000.

Ill., St. Charles—Bids were received for improving parts of East Main and West Main St. as follows: Western Improvement Co., Racine, $55,391; Arwin E. Price, Elgin, $56,698; Logan & Giertz, Elgin, $56,958. Noted Sept. 16.

Ill., Urbana—Contract for paving East Main St. awarded to STIPES & PILCHER, at $6,000.

Wis., Green Bay—(Official)—Contract for grading and placing gravel or crushed stone on portions of West Main St. awarded to C. S. McDONALD, Green Bay, at $4435. Noted Sept. 30.

Wis., Milwaukee—Contract for paving, grading, guttering and curbing Center St. from Teutonia to Fond du Lac Ave. awarded to BADGER CONSTRUCTION CO., Milwaukee, at $30,082; contract for paving Clybourn St. from 8th to 13th St. awarded to GEORGE CZERWINSKI, Milwaukee, at $20,200.

Wis., Milwaukee—Contract for 7,000 sq.yd. creosoted block awarded to CHICAGO CREOSOTING CO., Chicago, at $1.27 per sq.yd.

Wis., Racine—Contract for grading Osborne Blvd. awarded to JAMES CAPE & SONS.

Wis., Sheboygan—Contract for paving Ontario Ave. from Fifth to Third St. awarded to JOHN BRAUN, at $4,767.

Iowa, Clinton—Contract for approximately 59,000 sq.ft. of sidewalk awarded to C. M. NEAL. Estimated cost, $7,500.

Iowa, Guthrie Center—Contract for paving 30 blocks awarded to MOORE-SIEG CONSTRUCTION CO., at $69,878. Noted Sept. 2 and Oct. 7.

Minn., Duluth—Contract for paving 58th Ave., West, from Elinor to Eighth St. awarded to A. HEPENBERG, at $4,079.

Minn., Duluth—Contract for paving State Rural Highway No. 82, in Cass and Hubbard Counties, awarded to BRANDENBERG CONSTRUCTION CO., Minneapolis, at $180,000. Noted Sept. 23.

Minn., Red Lake Falls—Contract for Pembina Road Trail, Red Lake County, awarded to M. BARRETT CO., Herman, Minn.

Minn., Redwood Falls—Contract for State Road No. 71 through Kintire Township awarded to J. W. MINTO and WILLIAM SMITH, JR.

Kan., Pittsburg—All bids for paving 12 blocks on Walnut and College Ave. rejected. New bids will be received. Noted Sept. 9.

Kan., Wichita—Contracts for paving awarded as follows: 2d St. from Market St. to Washington Ave. to HARRY L. MILES, Wichita, at $25,983; Belmont Ave. from Douglas to English St., English St. from Fountain to Belmont Ave., and Fountain Ave. from Douglas to English St. to WILLISTON CONSTRUCTION CO., Chicago, Ill., at $15,436.

Neb., Omaha—Contract for grading various streets of city awarded to KEIRLE CONSTRUCTION CO., Florence.

N. D., Minot—Bids received Oct. 4 by Board of City Commisisoners for street improvements as follows: Joseph Sampson, $34,846; C. B. McUamara & Co., $35,249; MINOT CONSTRUCTION CO., $33,741 (awarded contract). Noted Sept. 30.

N. D., Wahpeton—Contract for paving Dakota Ave. awarded to GREAT NORTHERN BRIDGE CO., Minneapolis, Minn.

Mont., Bozeman—Contract for paving Tracy and Bozeman Ave. awarded to WARREN CONSTRUCTION CO., at $14,050 and $11,687 respectively.

Mont., Great Falls—Contract for paving around Whitier Park awarded to F. BIRCH & SON, at $24,599.

Mo., Oregon—Contract for grading, paving, curbing and guttering a number of streets awarded to A. JAICKS CO., 510 American Bank Bldg., Kansas City, at about $36,000.

Mo., St. Joseph—DUBOIS & PETER CONSTRUCTION CO., awarded contract for paving Gordon Ave. from Illinois to Michigan Ave.

Tex., Athens—Contract for paving awarded to SMITH BROS. & LA RUE, Crockett, at $18,000.

Okla., Pawnee—Contract for paving Street Improvement District No. 1 awarded to M. A. SWADEK & CO., Oklahoma City, at $51,419. Noted Sept. 30.

Wash., Ellensburg—Contract for grading two miles of Ellensburg and Peshaskin Road awarded to QUIGG CONSTRUCTION CO., Wenatchee, at $5,595.

Wash., Seattle—Contract for improving West Massachusetts St. awarded to CASCADE CONSTRUCTION CO., Central Bldg., Seattle, at $33,984.

Wash., Seattle—Contract for paving Mill St. awarded to E. ARNOLD & CO., Seattle, at $11,260.

Wash., Seattle—Lowest bid received for improving east and west Green Lake Way was that of R. G. Stevenson, 1327 Ewing St., Seattle, at $103,303.

Wash., Seattle—Lowest bid received for improving East Marginal Way was that of Puget Sound Bridge and Dredge Co., Seattle, at $80,957.

Wash., Yakima—Contract for graveling 1¼ miles on Summitview Rd. awarded to A. H. ZANE & CO., at $6,739.

Wash., Yakima—Contract for Wenan Rd. awarded to THOMAS GINGLE, at $7,825.

Ore., Portland—OSKAR HUBER, Portland, at $10,635, awarded contract for paving Upper Washington St.

Ore., Tillamook—Contract for paving Second Ave. awarded to F. C. FELDSCHAU, Tillamook, at $7,089.

Calif., Los Angeles—CALIFORNIA-ARIZONA CONSTRUCTION CO., at $32,297, awarded contract for improving Rampart Blvd. from First to Sixth St.

Calif., Ontario—Ford & Stout, Bradbury Bldg., Los Angeles, at $57,088, submitted the lowest bid for improving Euclid Ave. Noted Sept. 23.

Calif., San Fernando—Contract for paving Grand Blvd. between San Fernando Mission and southerly end of Hickson Ranch awarded to FAIRCHILD-GILMORE-WILTON CO., Los Angeles.

Calif., San Jose—Contract for four and one-half miles of macadam road awarded to J. M. McDONALD, at $49,497.

Calif., Stockton—Contracts for paving awarded as follows: Van Buren and Monroe St. to A. B. MUNSON & SON, Stockton, at $13,100; Della and Lafayette St. to R. C. TUMELTY, Stockton, at $14,302.

Que., Chateauguay—Contract for macadam roads awarded to JULIEN TOUSSAINT CO., 2743 St. Hubert St., Montreal. Estimated cost, $6,000.

Ont., London—Contract for paving Wharncliffe Rd. and constructing sewer on Grey St. awarded to FIELDER CONSTRUCTION CO., William St., London, at $5,054.

Ont., Toronto—Contract for paving a portion of Scarborough Rd. awarded to ASHPHALTIC CONCRETE CO., Toronto, at $8,430.

Man., Rosser—Contract for grading awarded to A. R. BOIVIN, 303 Notre Dame Investment Bldg., Winnipeg, at $5,200.

INDUSTRIAL WORKS

Proposed Work

Conn., Bridgeport—Bids will soon be received by F. A. Cooper, Arch., for five-story, 65x100-ft. concrete and brick warehouse for Logan Bros. Noted Sept. 16.

N. Y., New York—(Borough of Brooklyn)—F. A. Koch Mfg. Co. will build six-story loft building at Flatbush Ave. Extension and Bridge St.

N. Y., New York—(Borough of Richmond)—(Official)—Bids will be received in November for plant for Louis De Jonge & Co., 446 Richmond Turnpike, Tompkinsville. Valentine & Kissman, 25 Madison Ave., New York, Arch. Estimated cost, $400,000.

N. J., Belleville—L. Sonneborn Sons secured site adjoining present one and will build additional buildings.

Penn., Lebanon—Frackville Mfg. Co., 346 Broadway, New York, N. Y., will build three-story factory at Ninth and Skull St. Estimated cost, $25,000.

Penn., McKeesport—National Tube Co. plans addition to plant.

Penn., Millvale—Pittsburgh Rys. Co. will build car barn.

W. Va., Charleston—Du Pont de Nemours Co. will build magazines in Charleston, Martinsburg, Huntington, Piedmont, Bluefield, Scarboro, Kellogg, Blaine and Rock, W. Va. Estimated cost, $500,000.

N. C., Belmont—Imperial Yarn Mill Co. will organize company with $200,000 capital and will build cotton mill.

Fla., Jacksonville—Citizens' Ice & Cold Storage Co. plans to enlarge its plant. Horace Williams, Mgr.

Fla., Valrico—Fugazzie Commission Co. will build 60x100-ft. packing plant.

Ala., Gadsden—Gulf States Steel Co. plans improvements at estimated cost of $80,000.

Tenn., Memphis—Harris Iron & Supply Co. has plans by G. M. Shaw & Co. for warehouse on South Front St. near Linden Ave. Estimated cost, $20,000.

Tenn., Shelbyville—Valley Cotton Mills Co. will build mill. Estimated cost, $50,000. G. R. Adams, Pres. of Public Light & Power Co., interested.

Ohio, Bellaire—American Stamping & Enameling Co. will make improvements to its plant on Monroe St. Estimated cost, $10,000.

Ohio, Cambridge—Interstate Iron & Steel Co. will build plant in Cambridge.

Ohio, Cincinnati—Bids will soon be received by Ahrens Fox Fire Engine Co. for three-story, 42x120-ft. addition. Bert Baldwin & Co., Perin Bldg., Engr.

Ohio, Cincinnati—Cincinnati Grain Co. will build hay elevator and warehouse at 31 Water St.

Ohio, Cincinnati—City Ice Delivery Co. will soon construct ice plant at Price and Elberon Ave. Bernard T. Wisenall, Arch. Noted Aug. 12.

Ohio, Cleveland—Cleveland Electric Metal Co. has plans for foundry and addition to its plant on West 38th St. Burchart-Roberts-Wales Co., Swetland Bldg., Cleveland, Arch.

Ohio, Cleveland—Johns Machine & Stamping Co. will build factory at Columbus and Leonard St. Benjamin F. Johns, Pres. Estimated cost, $80,000.

Ohio, Cleveland—Parish & Bingham Co. has plans by Ernest McGeorge, Leader-News Bldg., for addition to its plant at Madison Ave. and West 106th St.

Ohio, Cleveland—Standard Welding Co. will build addition to its factory at 1280 East 73rd St. Estimated cost, $180,000.

Ohio, Cleveland—Taber Ice Cream Co. will build ice cream factory addition at 3500 Payne Ave. Estimated cost, $25,000.

Ohio, Cleveland—Ward Baking Co. will build bakery at Perkins and East 40th St. Estimated cost, $250,000.

Ohio, Columbus—Bids being received by N. Bradford, Arch., for two-story shop building for Ohio State University. Estimated cost, $120,000. Noted Sept. 23.

Ohio, Norwood—Concrete Flooring Co. of Kentucky will build 135x164-ft. factory on Baker St. near Sherman Ave.

Ohio, Toledo—Plans being prepared by M. & M. Stophlet, 606 Nasby Bldg., for two-story and basement, 60x120-ft. factory for Arrow Mfg. Co. Estimated cost, $25,000.

Ind., Evansville—Bids will be received about Nov. 1 by Clifford Shipbell & Co., Arch., for five-story, 50x150-ft. factory for Anchor Supply Co. Noted Sept. 2.

Ind., Jasper—Jasper Mfg. Co. having plans prepared by Clifford Shipbell & Co., Evansville, for one-story, 60x500-ft. furniture factory.

Mich., Detroit—Studebaker Automobile Corporation will build addition to its plant at 1216 West Jefferson St. Estimated cost, $30,000.

Mich., Hancock—S. Michelotti Co. will build macaroni factory in West Hancock.

Ill., Chicago—Shampay Bros. will build one-story factory at 4621 Cottage Grove Ave. A. S. Alschuler, Arch. Estimated cost, $17,000.

Ill., Chicago—S. N. Crowen, 30 North La Salle St., preparing plans for seven-story mill construction building at Kingsbury and Ontario St. for Winston & Co. Estimated cost, $100,000.

Ill., Decatur—E-Z Opener Bag Co. plans three-story, 96x340-ft. factory on Pine St. Estimated cost, $30,000.

Ill., Peoria—Barker & Wheeler Co. will build warehouse on South Washington St. near Oak St.

Ill., Quincy—John Musolino and Salvador Bonansinga will build four-story warehouse at 644 Jersey St.

Wis., Milwaukee—Leenhouts & Guthrie, 424 Jefferson St., Milwaukee, prepared plans for three-story, 40x120-ft. building for Phoenix Printing Co.

Iowa, Des Moines—Bids will be received until Oct. 15 by Charles W. De Jarnette, Equitable Bldg., Des Moines, for one- and two-story, 115x200-ft. concrete and brick factory for New Monarch Machine and Stamping Co. Estimated cost, $200,000.

Iowa, Waterloo—Bids being received for four-story and basement, 116x120-ft. brick factory for Waterloo Overland Co. Clinton P. Shockley, Arch. Estimated cost, $100,000. Noted Sept. 16.

Minn., Duluth—Western Rug Co. has plans for addition to its rug factory at 63rd Ave. and Grand Ave. Estimated cost, $18,000.

Minn., Hopkins—American Improved Seat Co. will build plant for manufacture of its specialty. A. C. Webber, Pres.

Kan., Wichita—Schermuly Mfg. Co. will build factory and foundry on Missouri Pacific R.R. line.

Tex., Bonham—Steger Milling Co. will make improvements to its flour mill. Estimated cost, $50,000.

Tex., El Paso—J. S. Curtis and associates will build factory for waterproofing fulminating mining cap protectors. W. H. Wilson, Denver, Colo., Mgr.

Tex., El Paso—Plans being prepared for factory for Miller Mfg. Co. W. H. Wilson, Gen. Mgr.

Tex., Houston—Houston Oil Co. will build lumber mills at East Texas.

Tex., San Antonio—(Official)—Edward Friedrich, 802 East Commerce St., advises that construction of new factory will not be undertaken this year. Noted Sept. 30.

Okla., Blackwell—Uncle Sam Oil Co. contemplates refinery at Blackwell.

Wash., Seattle—Bids will be received until Oct. 20 by Port of Seattle Commission, C. E. Remsberg, Secy., for four-story addition to Commission's warehouse on Whatcom Ave. Estimated cost, $150,000. J. R. West, Ch. Engr.

Wash., Tacoma—George W. Onn, Tacoma, contemplates saw mill on Jones Creek near Pe Ell.

Calif., Eureka—Municipal Water Department will build shop at Sixth and C St. Estimated cost, $10,000.

Calif., Grass Valley—Nevada County Narrow Gage Ry. Co. will rebuild its shops which were recently destroyed by fire. Estimated cost, $40,000.

Que., Valleyfield—National Paper Co., Montreal, will build addition to its plant at Valleyfield. Estimated cost, $100,000.

Ont., Walkerville—Kelsey Wheel Co., Ltd., will make extensions to its plant. Estimated cost, $10,000.

Bids In and Contracts Awarded

N. H., Franklin—Contract awarded to J. W. BISHOP CO., Worcester, Mass., at about $100,000, for three-story, 76x158-ft. mill addition for Sulloway Mills.

Mass., Boston—Contract awarded to WILLIAM F. KEARNS CO., 240 Albany St., for three-story, 70x242-ft. reinforced-concrete building on Blandford St. for Albert Geiger, Jr.

Mass., Brighton—Contract awarded to HARDY & STREETER, 95 Milk St., Boston, at about $60,000 for five-story, 60x100-ft. warehouse. G. N. Meserve, 95 Milk St., Boston, Arch.

Mass., Salem—Contract awarded to EDWARD W. WHEELER, Worcester, at $15,000, for warehouse for C. A. Ketchum.

Mass., Watertown—Contract awarded to C. A. DODGE CO., 15 Exchange St., Boston, at about $10,000, for one-story, 65x97-ft. garage for W. C. Barnard.

Mass., Worcester—Contract awarded to E. J. CROSS CO., for two additional factories for Spencer Wire Co.

R. I., Pawtucket—Crown Mfg. Co. awarded contract to J. W. BISHOP CO., Worcester, Mass., at about $38,000, for storehouse and picker building.

R. I., Providence—Gorham Mfg. Co. awarded contract to H. WALES LINES CO., Meridan, Conn., for three one-story brick additions.

N. Y., Hempstead—Contract awarded to KERWIN ESTERBROOKE CONSTRUCTION CO., INC., Hempstead, at $10,000 for one-story, 70x100-ft. garage at Main St. and Stowe Pl. for Main St. Garage Co.

N. Y., New York—(Borough of Manhattan)—(Official)—Contract awarded to E. BROOKS & CO., 3 West 39th St., for 12-story printing building for Estate of Andrew Finck. Crow, Lewis & Wickenhoefer, Arch. Noted Sept. 30.

N. Y., New York—(Borough of Queens)—Contract awarded to FRANK SEERY, 30 East 42 St., Manhattan, for one-story, 50x90-ft. garage on Second Ave., Long Island City for John McLaughlin, 346 East 81 St., Manhattan.

N. Y., Rochester—Contract awarded to WILLIAM F. MARTENS CO., at $30,000, for factory at 267 Mill St. for George W. Brownyard Co., Inc. Noted Oct. 7.

N. J., Camden—Contract awarded to GEORGE BACHMAN, 19 North 30th St., Camden, at about $45,000, for three-story, 80x129-ft. garage and service station for New Jersey Auto and Supply Co., Delaware Ave. and George St. Noted Aug. 26.

N. J., Elizabeth—(Official)—Contract awarded to H. D. BEST & CO., 52 Vanderbilt Ave., New York, N. Y., at $75,000, for buildings for Borne Scryniser Co.

N. J., Jersey City—(Official)—Contract awarded to TURNER CONSTRUCTION CO., 11 Broadway, New York, N. Y., for factory at Bay and Provost St. for Great Atlantic & Pacific Tea Co.

N. J., Newark—Contract awarded to CHARLES S. COOPER by F. W. Devoe & C. T. Raynolds Co. for addition to its varnish factory. Estimated cost, $25,000.

Penn., Mannyunk—Contract awarded to TURNER CONCRETE STEEL CO. for two-story, 62x198-ft. addition to woolen mill of Robert Krook, Walnut Lane and Main St.

Penn., Philadelphia—Contract awarded to HOFFMAN ENGINEERING & CONSTRUCTION CO., at about $100,000, for two-story, 212x540-ft. shop at Norris and Richmond St. for William Cramp Sons' Ship and Engine Building Co. Noted Oct. 7.

Penn., Reading—(Official)—Contract awarded to L. H. FOCHT & SON, Reading, for two-story factory for Carpenter Steel Co. Noted Oct. 7.

Md., Baltimore—Contract awarded to CHARLES L. STOCKHAUSEN CO., for 75x275-ft. plant for Baugh Chemical Co.

Ky., Glencoe—Contract awarded to W. H. HEILMAN for 128x228-ft. steel warehouse for Glencoe Loose Leaf Warehouse Co.

Ohio, Canton—Contract awarded to E. J. LANDOR, at about $20,000 for five-story, 50x66-ft. addition to the plant of Dannemiller Grocery Co.

Ohio, Cleveland—Contract awarded to ANDERS CONSTRUCTION CO., Engineers Bldg., Cleveland, at $20,000, for one-story cold storage plant addition to plant of Blumenstock & Reid Co.

Ohio, Cleveland—Contract awarded to J. T. RICHARDS, 822 Citizens Bldg., for two-story factory at East 78th St. and Wheeling & Lake Erie R.R. for Champion Machine & Forging Co.

Ohio, Cleveland—Contract awarded to PACKARD BUILDING CO., for sales and service station on Carnegie Ave. near East 55th St. for Packard Motor Co. Estimated cost, $125,000.

Ohio, Cleveland—Contract awarded to SAMUEL AUSTIN & SON CONSTRUCTION CO., 14230 Euclid Ave., for two-story, 70x400-ft. addition to plant of Standard Oil Co.

Ohio, Cleveland—Contract awarded to CROWELL-LUNDOFF-LITTLE CO., 1951 East 57th St., at about $70,000, for five-story, 112x112-ft. factory addition to plant of Warner & Swasey Co., 5809 Carnegie Ave.

Ohio, Newport—Contract awarded to ADER CONSTRUCTION CO., Newport, at about $10,000, for warehouse for Becker Bros. & Co.

Mich., Detroit—Contract awarded to BRYANT & DETWILER CO., Detroit, for two factories at East Grand Blvd. and Michigan Central R.R. for Packard Motor Car Co.

Mich., Detroit—Contract awarded to ROGOWSKI BROS. & WEDDA for factory on Confiant Ave. and Grand Trunk R.R. for Vanguard Mfg. Co.

Mo., Kansas City—Contract awarded to R. F. WILSON & CO., Chicago, Ill., at about $300,000 for four-story, 113x267-ft. factory at 13th and Campbell St. for American Can Co., 447 West 14th St., New York, N. Y.

Ark., Helena—Contract awarded to DOYLE & CO., Cotton Plant at about $65,000, by Interstate Grocery Co. for warehouse.

Colo., Pueblo—Contract awarded to ELMER BRECKENRIDGE for warehouse at C and Lamkin St. by A. Adams and will be occupied by Sage Transfer Co.

Ore., Astoria—Contract awarded by Astoria Port Commission to H. E. DOERING, Portland, at $22,658 for grain elevator.

FEDERAL GOVERNMENT WORK

Proposed Work

Riprap—Tompkinsville, N. Y.—Bids will be received at office of Lighthouse Inspector, Tompkinsville, until 2 p.m., Oct. 26, for riprap at Centerville and Saltersville Lights, Newark Bay, N. J.

Bridge and Trestles—Pittsburgh, Penn.—Bids will be received at U. S. Engineer Office, Pittsburgh, until noon, Nov. 5, for service bridge and Poiree trestles at Dam No. 10, Ohio River. (See adv.)

Tank and Tower—Indian Head, Md.—Bids will be received by H. R. Stanford, Ch. of Bureau of Yards and Docks, Navy Dept., Washington, D. C., until 11 a.m., Oct. 30, for 250,000-gal. steel water tank and tower at naval proving ground, Indian Head.

Sewer—Washington, D. C.—Bids will be received at Office of Commissioners of District of Columbia, Room 509, District Bldg., until 2 p.m., Oct. 19, for sewers in District of Columbia.

Shell House—Norfolk, Va.—Bids will be received by H. R. Stanford, Ch. of Bureau of Yards and Docks, Navy Dept., Washington, D. C., until 11 a.m., Oct. 30, for one shell house at naval magazine, Norfolk.

Post Office—Huntington, W. Va.—Bids will be received by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., until 3 p.m. Nov. 16, for United States post office at Huntington.

Cranes—Charleston, S. C.—Bids will be received by H. R. Stanford, Ch. of Bureau of Yards and Docks, Navy Dept., Washington, D. C., until 11 a.m., Nov. 20, for two shipbuilding cranes at navy yard, Charleston.

Post Office—Elyria, Ohio—Bids will be received by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for United States post office at Elyria.

Post Office—Boise, Idaho—Bids will be received by James A. Wetmore, Act. Superv., Arch., Treasury Dept., Washington, D. C., until 3 p.m., Nov. 18, for extending and remodeling United States post office at Boise.

Metal Supplies—Panama—Bids will be received by Major F. C. Boggs, Gen. Pur. Officer, Panama Canal, until 10.30 a.m., Oct. 20, for metal supplies.

Miscellaneous and Metal Supplies—Panama—Bids will be received by Major F. C. Boggs, Gen. Pur. Officer, Panama Canal, until 10:30 a.m., Oct. 18, for miscellaneous and metal supplies.

Bids In and Contracts Awarded

Cement, Sand and Gravel—New Orleans, La.—Contract for cement, sand and gravel at Southwest Pass, Mississippi River, awarded to LESTER E. ALEXANDER, New Orleans, at $19,220. Noted Sept. 16.

Post Office—Covington, Tenn.—Bids were received by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for post office at Covington as follows: Algernon Blair, Montgomery, Ala., $33,800; William H. Fissell & Co., New York, N. Y., $35,700; George W. Stiles Construction Co., Chicago, Ill., $34,447.

Piling—Louisville, Ky.—Contract for piling for Dam No. 43, Ohio River, awarded to CARNEGIE STEEL CO., Philadelphia, Penn., at $34,111. Noted Sept. 30.

Machinery—Cincinnati, Ohio—Bids were received at U. S. Engineer Office for furnishing and installing operating machinery at Dam No. 29, Ohio River, from: J. & J. B. Milholland Co., 714 Fifth Ave., Pittsburgh, Penn., $9,321, and Miller Supply Co., Huntington, W. Va., $9,314. Noted Sept. 26.

Post Office—Everett, Wash.—Contract for United States post office at Everett awarded to HENRICKSON & CO., Seattle, at $111,519.

Naval Improvements—Pearl Harbor, Hawaii—Contract for improvements at Naval Station, Pearl Harbor, awarded to HAWAIIAN DREDGING CO., Honolulu, at $155,900. Noted Sept. 23.

CANALS DITCHES—IRRIGATION

Proposed Work

Canals—Silver City, Miss.—Bids will be received until Oct. 22 by Atchafalaya Drainage and Levee District for 15 miles of canals and 90,000 cu.yd. of levees.

Drainage—Lafayette, La.—Citizens of Lafayette Parish, Indian Bayou, Subdrainage District, District No. 1, voted $34,000 bonds for drainage system.

Drainage—Monroe, La.—Bonds for $20,000 sold for draining Jack Creek.

Drainage—Henderson, Ky.—(Official)—Bids will be received until 1:30 p.m., Oct. 27, by Board of Drainage Commissioners of Henderson County, for 34,810 ft. drainage ditch. Peter Manion, Pres.

Drainage—Pearl, Ill.—J. E. Schwab, Alton, preparing plans and will superintend drainage and levee improvements.

Ditch—Sycamore, Ill.—Citizens of Kane and De Kalb Counties plan to widen and deepen Maple Park Cortland Virgil Drainage District No. 1. Estimated cost, $20,000. Hay & Lowman, Sycamore, Engr.

Drainage—Kenosha, Wis.—Bids will be received until 3 p.m., Oct. 28, by Supervisors of Town of Bristol, Kenosha County, for drainage system for Bristol Drainage District.

Drainage—Bedford, Iowa—Bids will be received until noon, Oct. 15, by Board of Supervisors of Taylor County for new channel for East Nodaway River in Drainage District No. 3. J. N. Hughes, County Audr.

Drainage—Oskaloosa, Iowa—Plans prepared for Mahaska County drainage district.

Ditches—Bullard, Minn. — (Staples post office) — Citizens contemplate ditching about 11 miles of main ditches and five miles of branches. Gottfrid Anderson, Secy.

Ditch—Caledonia, Minn.—(Official)—Bids will be received by Auditor of Houston County, until Nov. 2, for judicial ditch No. 1. George Ralph, Engr.

Irrigation—Billings, Mont.—Billings Bench Waterusers' Association has taken over the Billings Land & Irrigation Co. and will build canals in upper section.

Drainage—Carrollton, Mo.—Bids will soon be received by Sugar Creek Drainage District Commissioners for 16 miles of open ditch work. E. H. Quisenberry, Clk.

Drainage—Edna, Tex.—Bids will be received about Oct. 28 by A. E. Landin, Chn., Jackson County Drainage District No. 8, for canals and levees. R. J. Bryan, Ganado, Dist. Engr.

Irrigation—Harlingen, Tex.—Bids will be received until Oct. 21, by Director of Cameron County Irrigation District No. 1 for extending canal, about 10,000 cu.yd. of excavation.

Irrigation—Santa Fé, N. M.—George E. Fosberg, Chicago, Ill., interested in a project to revive and complete Arroyo-Honde Irrigation project. Estimated cost, $75,000.

Drainage—Aberdeen, Wash.—Citizens voted in favor of establishing South Bay Drainage District. Estimated cost, $10,000.

Irrigation—Ephrata, Wash.—Grants Orchard Irrigation District organized to form irrigation district estimated to cost $75,000. A. H. Wilburn, Ephrata, Chn.

Irrigation—Medford, Ore.—Rogue River Canal Co. granted franchise to irrigate approximately 1000 acres south of Medford.

Irrigation—Modesto, Calif.—Bids will be received by C. S. Abbott, Secy., Bd. of Directors, Modesto Irrigation District, until Oct. 16, for enlarging main canal and tunnel, Modesto Irrigation District, between Raiden Falls and Upper Dominici, also for reinforced-concrete structures in lower main canal. Noted Sept. 23.

Irrigation—Visalia, Calif.—Election will be held Oct. 16 to vote irrigation of 18,000 acres in Lindsay-Strathmore water district.

Drainage — Westminster, Calif. — Citizens voted $25,000 bonds for drainage ditches. Noted Sept. 30.

Bids In and Contracts Awarded

Barge Canal Work—Albany, N. Y.—(Official)—Contracts for barge canal work awarded as follows: Improvement of Sawyer's Creek, North Tonawanda, to H. S. KERBAUGH, INC., 6 Church St., New York, N. Y., at $9,440; furnishing timber and plank for eastern division of New York State Canal, to H. V. BERRY, Ft. Plain, at $12,685; for middle division to W. J. DOWDLE, Oswego, at $15,440; for western division to G. ELIAS & BRO., INC., Bucalo, at $21,699. Noted Sept. 2 and 16.

Barge Canal Work—Albany, N. Y.—Contract for barge canal work under Terminal Contract No. 47 awarded to I. M. LUDINGTON'S SONS INC., Rochester, at $38,630. Noted Sept. 9 and Oct. 7.

Drainage—Aledo, Ill.—All bids received Sept. 24 by Central State Engineering Co., Hershey Bank Bldg., Muscatine, Iowa, for three contract sections of tile drain in Mercer County rejected. Noted Sept. 9.

Drainage—Adel, Iowa—Contracts for drainage work in Dallas County awarded as follows: Drain No. 32 to PAUL PAULSEN, Carroll, and HOOVER LUMBER CO., Dallas Center, at $8,215 and $16,734, respectively; Drain No. 36 to IOWA PIPE & TILE CO., Des Moines, at $4,689.

Drain—Clarion, Iowa — Board of Supervisors of Wright County rejected all bids for Drain No. 130.

Ditch—Estherville, Iowa—Contract for drainage ditch No. 100 awarded to A. EIKWOLD, Graettinger, at $16,755.

Ditch—Harlan, Iowa—Contract for 12-mile drainage ditch in Mosquito Creek, District No. 8, awarded to LANA CONSTRUCTION CO., at $55,926.

Ditch—Sibley, Iowa—(Official)—Contract awarded to H. B. WHITNEY, Emmetsburg, at about $15,000, for drainage ditch No. 22, Osceola County.

Drainage—Spencer, Iowa—Contract for improving Drainage District No. 22 awarded to CEMENT PRODUCTS CO., Spencer, at $183,254.

Drainage—Storm Lake, Iowa—Contracts awarded to NEWELL CEMENT TILE CO. for tile and to HARRY & JOHN CLINTON for drainage work in Drainage District No. 78, in Buena Vista County. W. W. Benntet, County Audr.

Ditch—Ada, Minn.—(Official)—Contract for repairing, enlarging and cleaning County Ditch No. 3 awarded to UNION DREDGING CO., Carrollton. Noted Sept. 30.

Ditch—Bemidji, Minn.—Contract for clearing and grubbing Ditch No. 31 awarded to G. W. CLIFFORD, Minneapolis, at $7,999; excavation to RIDER & JONES, Minneapolis, at $35,675; contract for Ditch No. 32 awarded to KOHLER CONTRACTING CO., Frazer, at $7,762.

Ditch—Worthington, Minn.—Contract for Ditch No. 12 awarded as follows: 132,348 cu.yd. open work to JAMES McKILLY, Waterloo, at 8.2c. per cu.yd.; tile work to P. L. RIVAED, Pocahontas, Iowa, at $12,700.

Drainage—Tekamah, Neb.—(Official)—Contracts for 500,000 cu.yd. of excavation on old ditches and 300,000 cu.yd. of new excavation awarded to MINNEAPOLIS STEEL & MACHINERY CO., L. MULLIN, E. D. BARR and J. W. BOYCE. Estimated cost, $112,000. Noted Sept. 23.

Drainage—Pocahontas, Ark.—Contract for drainage system in Little Aumey Water Drainage District awarded to A. B. WILLS & SONS, Paragould. Estimated cost, $40,000. J. A. Ryan, Corning, Engr.

Irrigation—Fowler, Colo.—OSCAR OLESON awarded contract for dam and other work in Apishapa Cañon. Estimated cost, $300,000.

Drainage—North Yakima, Wash.—(Official)—Contract for drainage system in Drainage Improvement District No. 27 awarded to DUNN & HOGAN, North Yakima, at $19,656. Noted Sept. 30.

MISCELLANEOUS

Proposed Work

Coal Pocket—Roxbury, Mass.—Batchelder Bros., Roxbury, will build coal pocket at 34 Hilton St.

Seawall, Bulkheads and Jetties—Winthrop, Mass.—Bids will be received until 11 a.m., Oct. 20, by Board of Harbor and Land Commissioners, for seawall, bulkheads and jetties along easterly shode of Point Shirley.

Frames—New York, N. Y.—(Borough of Manhattan)—Official)—Bids will be received by Marcus M. Marks, Borough Pres., until 2 p.m., Oct. 14, for furnishing 500 street sign container frames.

Track Supplies—New York, N. Y.—(Borough of Manhattan)—Bids will be received until 12:15 p.m., Oct. 15, by Public Service Commission of First District, 154 Nassau St., for ten portions of special work, frogs and switches for rapid transit railways.

Retaining Wall—Syracuse, N. Y. — Intercepting Sewer Board instructed by City Council to prepare plans for retaining wall along Onondago Creek.

Dredging—Newark, N. J.—Bids will be received until Oct. 21 by City of Newark for dredging portions of Passaic River. Plans on file with E. S. Rankin, City Hall, Newark.

Fire-Alarm System—Cumberland, Md.—Plans being considered to improve fire alarm system. J. S. Schriver, Water and Light Comr.

Piers—Lamberts Point, Va.—(Norfolk post office)—Norfolk & Western Ry. Co., having plans prepared for piers and office building. Southbound pier, 1200x200 ft., northbound pier, 800x200 ft. L. E. Johnson, Roanoke, Pres.

Coaling Dock—Pensacola, Fla. — Construction of coaling dock contemplated by Louisville & Nashville R.R.

Seawall—Gulfport, Miss.—Board of Supervisors of Harrison County contemplate $600,000 bond issue for seawall.

Waterways—Washington, La.—City plans deep water connection between Washington, Morgan City and New Orleans.

Wharf—Chattanooga, Tenn.—City plans to improve wharf and will issue $100,000 bonds. R. Hooke, City Engr.

Dykes—Wellsville, Ohio—Citizens plan bond issue of $50,000 for dykes.

Crib Protection and Dock Repair—Chicago, Ill.—Bids will be received by W. R. Moorhouse, Comr. Dept. of Pub. Wks., until Oct. 18, for protection crib in South Fork, south branch of Ohio River, 35th St., also for repairing existing dock at foot of Lumber St.

Towers—Waukegan, Ill.—Frame unloading towers at coal docks of Reiss Coal Co., recently destroyed by fire, will be rebuilt of steel. John P. Reiss, Gen. Mgr.

Docks—Milwaukee, Wis.—Pennsylvania Coal & Supply Co. contemplates new docks at Muskegon Ave. and Canal St.

Playgrounds—Salina, Kan.—Election will be held to vote on $40,000 bonds for playgrounds.

Wharves and Docks—Belmont, Tex.—Contract will soon be awarded for constructing wharves and docks at Belmont. Estimated cost, $100,000.

Levee—Ennis, Tex.—Citizens voted $121,000 bonds for levees on Trinity River, Ellis County, Levee District No. 2.

Riprap—Galveston, Tex.—Bids will be received by J. M. Murch, County Audr., until 1 a.m., Oct. 18, for approximately 20,000 tons of riprap for seawall.

Park Improvements—Houston, Tex.—George E. Kessler, St. Louis, Mo., prepared plans for George H. Herrmann Park. Estimated cost, $100,000.

Park—Ft. Morgan, Colo.—W. E. Cullen, Boulder, preparing plans for improving city park.

Subway—Tucson, Ariz.—City and Southern Pacific Ry. Co. plan to construct subway under railroad tracks at end of Congress St. Estimated cost, $70,000.

Race Track—Los Angeles, Calif.—George H. Shank, Los Angeles Speedway Association, Union Oil Bldg., plans high-speed automobile racing track at Bell Station. Estimated cost, $1,000,000.

Levee—Sacramento, Calif.—Construction of levee from Knights Landing to Colusa contemplated by Board of Directors of Sacramento River West Side Levee District. Estimated cost, $500,000.

Pier—San Francisco, Calif.—Contract will soon be awarded for pier at foot of Chestnut St. Estimated cost, $250,000.

Bids In and Contracts Awarded

Retaining Wall—Winthrop, Mass.—Contract for retaining wall at Winthrop Yacht Club awarded to FRANK J. McQUEENEY, 9 Atlantic St., Winthrop, Mass.

River Improvements—Hornell, N. Y.—(Official)—Contract for improving Canisteo River awarded to EASTOVER CONSTRUCTION CO., INC., Utica, at $38,543.

Extending Pier—New York, N. Y.—(Borough of Brooklyn)—Contract for extending Pier 22, near Jay St., North River, awarded to RIVERSIDE CONTRACTING CO., 39 Cortlandt St., New York, N. Y., at $22,366. Noted Sept. 23 and Oct. 7.

Pier Shed—New York, N. Y.—(Borough of Manhattan)—Contract for pier shed at West 23d St., North River, under Contract No. 1471, awarded to THOMAS T. WATERS, 271 West 125th St., New York, N. Y., at $36,600. Noted Sept. 16 and 30.

Boardwalk—Stone Harbor, N. J.—Franklin Engineering and Contracting Co., Philadelphia, Penn., submitted lowest bid for boardwalk at Stone Harbor. Bonds for $33,000 sold for this purpose.

Dredging—Trenton, N. J.—Bids were received Sept. 29 by State Department of Commerce and Navigation for dredging first section of Inland Waterway connecting Barnegat Bay with Manasquan River: Richards Dredging Co., Philadelphia, Penn. $0.158 per cu.yd. for excavation; Hill Dredging Co., Atlantic City, $0.174 per cu.yd. and D. X. Shubin, Philadelphia, $0.998. Benjamin F. Cresson, Ch. Engr.

Coal Storage—Philadelphia, Penn.—(Official)—Contract awarded to DAY & ZIMMERMAN, 611 Chestnut St., Philadelphia, at $28,772, for coal storage and appliances for Queen Lane pumping station. Noted Sept. 23.

Pier—Canton, Md.—(Baltimore post office)—Contract awarded to ARTHUR McMULLIN CO., Singer Bldg., at about $1,000,000, by A. C. Shand, Ch. Engr., Pennsylvania R.R. for coal pier. Noted Sept. 9.

Tunnel—Gassaway, W. Va.—(Official)—Coke and Coal Ry. Co. awarded contract for concrete lining of tunnel No. 10 to PIEDMONT CONSTRUCTION CO., Charlottesville, Va. F. D. Cosner, Engr. M. of W.

Coal Pier—Pensacola, Fla.—Contract for coal pier for Gulf, Florida & Alabama Ry. awarded to LINK-BELT CO., Chicago, Ill.

Dike—Baton Rouge, La.—DAMERON & WHITE, Baton Rouge, at $10,209, awarded contract for enlarging dike over University Lake and constructing roadway to dike.

Levee Work—New Orleans, La.—Contract awarded to DAMERON-WHITE CO. by State Board of Engineers for levee work for Red River, Atchafalaya and Bayou Boeuf.

Piers—Evanston, Ill.—Contract for 18 piers awarded to O. L. OLESON, 133 Moraine Rd., Highland Park, at $39,948. Noted Aug. 12.

Excavation—St. Louis, Mo.—Contract for excavating about 600,000 cu.yd. for University Park Realty Co. awarded to FRUIN-COLNON CONTRACTING CO., St. Louis, at 16.6c. per cu.yd.

Bulkhead—Seattle, Wash.—Puget Sound Bridge and Dredging Co., Seattle, at $80,957, submitted lowest bid for filling and bulkheading East Marginal Way. Noted Aug. 19.

BUILDINGS

Other items relative to Building Construction will be found under the following headings: "Industrial Works;" "Federal Government Work" and "Miscellaneous"

Proposed Work

N. H., Manchester—Plans prepared by Hitchins & French, 6 Beacon St., Boston, Mass., for four-story, 50x100-ft. brick and stone store and apartment for I. Shatton, care of architect. Estimated cost, $50,000.

Vt., Montpelier—Densmore & LeClear, 68 Broad St., Boston, Mass., preparing plans for library and supreme court building for state. Estimated cost, $150,000.

Vt., Poultney—Vermont Public Service Commission, Montpelier, ordered Delaware & Hudson Co. to construct passenger and freight station.

Mass., Boston—Bids will be received about Oct. 15 by A. A. Badaracco and I. Freedman, 357 Hanover St., for three-story, 31x288-ft. building at Haymarket Sq. F. A. Norcross, 46 Cornhill St., Arch. Estimated cost, $90,000. Noted Sept. 16.

Mass., Dorchester—Plans being prepared by Funk & Wilcox, 120 Boylston St., Boston, for Sarah Greenwood School, for city of Boston.

Mass., Hathorne—Bids will be received until Nov. 1 by Trustees of Independent Agricultural School for two-story, 55x160-ft. building. John H. Bickford Co., Boston, Arch.

Conn., Bridgeport—Bids will be received until Oct. 18 for normal school. Leonard Asheim, Bridgeport, Arch.

Conn., Hartford—Plans being prepared for four-story brick and stone building for Phoenix Insurance Co. Benjamin Morris, New York, N. Y., Arch.

Conn., Milford—Bids being received for brick and stone town hall. Tracy & Swartwout, New York, N. Y., Arch. Estimated cost, $120,000.

Conn., New Haven—Revised bids being received for church and parish house at Orange St. for German Lutheran Church. Estimated cost, $75,000. C. S. Palmer, Arch.

N. Y., Albany—Fuller Robinson Co., 95 State St., preparing plans for nine-story store and office building at 74 State St. for Kinney & Woodward Co., Waldorf Bldg. Estimated cost, $50,000.

N. Y., Albany—Charles L. Robinson, 577 Western Ave. and Michael J. Hawkins, 48 Orange St., contemplate three-story theater on Orange St. Estimated cost, $75,000.

N. Y., Binghamton—Improved Order of Red Men plans building. Estimated cost, $50,000.

N. Y., Buffalo—S. F. Heckert, Bessemer Bldg., Pittsburgh, Penn., preparing plans for 70x145-ft. church for St. John the Evangelist Church on Seneca St. Estimated cost, $75,000.

N. Y., Buffalo—Polish Falcons, Grunwalk Nest No. 58 and 6 plan gymnasium and club house. Estimated cost, $60,000.

N. Y., Hornell—Plans being prepared by E. J. Thompson, Arch., for three-story, 100x150-ft. building. Estimated cost, $75,000.

N. Y., Middletown—Bids will be received about Jan. 1 for six-story, 78x100-ft. bank and office building at North and Kings St. for Merchants' National Bank. Noted Sept. 16.

N. Y., New York—(Borough of the Bronx)—(Official)—Bids will be received until 10:30 a.m., Oct. 19, by Douglas Mathewson, Borough Pres., for alterations to Bronx Borough hall, at Third Ave. and 177th St.

N. Y., New York—(Borough of Manhattan)—Benjamin W. Mayer, 2 West 33d St., will build seven-story, 53x49-ft., store and office building at 54 Lexington Ave. Herman Lee Meader, 2 West 33d St., Arch.

N. Y., New York—(Borough of Manhattan)—(Official)—Bids will be received about Oct. 22 for lounge room for Hotel Biltmore at 43d St. and Madison Ave. for N. Y. Central R.R. Co. Warren & Wetmore, 16 East 47th St., Arch. Estimated cost, $50,000.

N. Y., New York—(Borough of Manhattan)—Plans prepared by Shape & Bready, Inc., 220 West 42nd St. for seven-story, 99x100-ft. building for New York College of Dentistry. Estimated cost, $250,000.

N. Y., New York—(Borough of Manhattan)—(Official)—Hasco Bldg. Co., 245 West 55th St. will build 16-story, 78x94-ft. office building at Fourth Ave. and 28th St. Estimated cost $500,000. Walter Haefeli, 245 West 55th St., Arch.

N. Y., New York—(Borough of Richmond)—(Official)—Plans being revised by Mason R. Strong, 7 Wall St., New York, for three-story, 75x150-ft. brick orphan asylum at Ft. Wadsworth for Bethlehem Home. Estimated cost, $100,000. Noted Sept. 9.

N. Y., Potsdam—Plans being prepared by Lewis F. Pilcher, Capitol, Albany, for two-story Normal School for New York State Department of Education. Estimated cost, $300,000.

N. Y., Troy—Erection of high school contemplated by Catholic Church, diocese of Albany.

N. J., Ocean City—Bids will soon be received for club house for Ocean City Golf Club. Estimated cost, $50,000. Sauen & Hahn, Philadelphia, Penn., Arch.

Penn., Allentown—Bids will be received about Nov. 1, for six-story, 62x210-ft. building for Y. M. C. A. Louis E. Jallade, 37 Liberty St., New York, N. Y., Arch. H. W. Elridge, Gen. Secy. Noted Sept. 2.

Penn., Brackenridge—Election will be held Nov. 2 to vote on $60,000 bonds for school.

Penn., Harrisburg—Messiah Lutheran Church will build new edifice at Sixth and Foster St. Estimated cost, $75,000.

Penn., Lebanon—Bids will be received until Oct. 29 by Board of School Directors for high school. A. A. Richter, Reading, Arch. Noted Oct. 7.

Penn., Philadelphia—United Brethern in Christ will build mission at 12th St. and Wyoming Ave. Estimated cost, $75,000.

Penn., Philadelphia—Bids will soon be received for high school for Board of Education at Amber and Cumberland St. J. Horace Cook, Philadelphia, Arch.

Penn., Pittsburgh—Morris Kaufmann will build 20x110-ft. loft and store building at 713 Liberty Ave. H. E. Kennedy Co., Arch. Estimated cost, $60,000.

Penn., Pittsburgh—Atlantic Refining Co. will build 54x154-ft. office building at Butler and 57th St. Estimated cost, $100,000.

Md., Baltimore—Competitive plans will be received until Dec. 1 by Fourth Regiment Armory Commission, for armory at North and Maryland Ave. Estimated cost, $500,000.

Md., Baltimore—Council contemplates school at Lafayette Ave. and Poplar Grove St. Estimated cost, $120,000.

W. Va., Anderson—A. S. Russell will build three-story theater, office and Masonic temple.

W. Va., Bluefield—Plans prepared by Pedigo & Garry, Bluefield, for five-story brick business building at Federal and Scott St. for E. S. Pedigo Co.

W. Va., Clarksburg—United Schools Bldg. Co. recently incorporated with $300,000 capital, will build West Virginia Business College.

Ga., Atlanta—(Official)—Election to have been held Sept. 30 to vote $3,358,000 bonds, part of which to be used for schools and hospital, has been canceled. Noted Aug. 12.

Tenn., Chattanooga—University of Chattanooga will build campus building at cost of $75,000.

Tenn., Nashville—Nashville Property Co. will build five-story office building at Church and Polk St. for use of physicians. Estimated cost, $50,000.

Ky., Louisville—Plans prepared by Joseph & Joseph, Louisville, for citadel for Salvation Army. Estimated cost, $50,000.

Ohio, Athens—(Official)—Bids will be received until 9 a.m., Oct. 30, by Board of Trustees of Ohio University for women's dormitory. Isaac M. Foster, Secy.

Ohio, Canton—(Official)—Bids will be received until noon, Nov. 4, by Board of Education for high school. George F. Hammond, 4220 Prospect Ave., Cleveland, Arch. W. C. Lane, Clk. Noted Sept. 23.

Ohio, Carthagena—Elzner & Anderson, Cincinnati, prepared plans for women's building of Longview Asylum. Estimated cost, $250,000.

Ohio, Cleveland—Ernest Huberty prepared plans for three-story bank and office building for West Side Savings & Loan Co., at West 25th St. and Lorain Ave. Estimated cost, $50,000.

Ohio, Cleveland—W. S. Lougee, 500 Marshall Bldg., Cleveland, prepared plans for three-story apartment and commercial building at 1921 East 70th St., for Florentine Realty Co. Estimated cost, $48,000.

Ohio, Cleveland—Plans approved by City Plan Commission for three-story union passenger station for New York Central and Pennsylvania R.R. Co. Citizens will vote Nov. 2 on bonds. Graham, Burnham & Co., Chicago, Ill., Arch.

Ohio, Monroe—Bids being received by Rusk & Sheets, Arch., Columbus, for two-story and basement, 70x127-ft. school in Preble County. Estimated cost, $50,000. Noted Aug. 12.

Ohio, Niles—Bids will be received about Nov. 15 by C. F. Owsley, Arch., Youngstown, for six-story, 41x90-ft. bank building for Dollar Savings Bank. Estimated cost, $100,000.

Ohio, Northfield—Bids will be received until noon, Oct. 27, by G. L. Williams, Clk. Bd. of Education for school.

Ohio, Wilberforce—Bids will be received until Nov. 4 by Board of Trustees of Wilberforce University for gymnasium. Frank L. Packard, Columbus, Arch., also for recreation building. W. A. Joiner, Supt.

Ind., Evansville—Bids will be received about Oct. 31 for two-story and basement memorial coliseum for county. Clifford Shopbell & Co. Arch. Estimated cost, $125,000.

Ind., Terre Haute—Board of Education retained R. W. Leonard to prepare plans for school on Kafader site. Estimated cost, $130,000. Noted Oct. 7.

Ind., Washington—Bids will be received until Oct. 19 by Mayor and Common Council for completing city hall. J. W. Gaddis, Vincennes, Arch. and Willian Hoddinott, City Clk.

Ill., Chicago—Grace Episcopal Church will be rebuilt. Estimated cost, $500,000. William Otis Waters, Rector.

Ill., Chicago—Jackson Estate, care of H. S. Hecht, 154 West Randolph St., will build four-story brick hotel at 827 Wilson Ave. Estimated cost, $150,000.

Ill., Dixon—Bids will be received until Oct. 18 by Board of Administration, Capitol Bldg., Springfield, for four new buildings for State Colony of Epileptics. James B. Dibelka, 130 North Fifth Ave., Chicago, Arch.

Ill., Rockford—Board of Supervisors of Winnebago County will build addition to courthouse. Estimated cost, $200,000.

Wis., Menominee—Bids being received by State Industrial Board of Education for economics building for Stout Institute. Estimated cost, $200,000. H. E. Miles, Racine, Pres. of Bd.

Wis., Milwaukee—Board of Directors of Wisconsin Telephone Co., 183 Fifth St., Milwaukee, appropriated $175,000 for construction of buildings and repairs for Milwaukee and $145,000 for Wisconsin outside of Milwaukee. H. O. Seymour, Gen. Mgr.

Wis., Platteville—Van Ryan & De Gelleke, Milwaukee, prepared plans for 2½-story science building for State Board of Normal Regents. Estimated cost, $100,000.

Iowa, Monmouth—Bids being received for city hall from plans of Temple & Burrows, Monmouth. Estimated cost, $50,000.

Iowa, Ottumwa—Plans being prepared by Proudfoot, Bird & Rawson, Des Moines, for six-story hotel for Ottumwa Hotel Association. Estimated cost, $300,000. Noted Sept. 23.

Iowa, Sioux City—Chicago & Northwestern Ry. Co. will build freight shed and terminal on Third St. near Jackson St. Estimated cost, $180,000.

Iowa, Spencer—Bids will be received, according to press reports, until Oct. 18 by Lyon County for courthouse.

Kan., Hays—(Official)—Bids will be received about Jan. 1 by State Board of Administration for three-story building at Ft. Hays Normal School. Estimated cost, $100,000. Charles H. Chandler, State Arch. Noted Aug. 19.

Kan., Topeka—Citizens of Shawnee County contemplate settlement building. O. K. Swayze, County Clk. Estimated cost, $50,000.

Mo., Kansas City—H. A. Drake, Reliance Bldg., preparing plans for motion-picture theater at 12th St. and Grand Ave. Frank L. Newman, 4008 Trost Ave., is interested. Estimated cost, $75,000.

Mo., Sarcoxie—Citizens of Jasper County voted $100,000 bonds for county tuberculosis sanitorium.

Tex., Austin—James E. Ferguson, Governor has appointed Atlee B. Ayers, San Antonio, State Architect. He will prepare plans for State School for Blind and for State Land Office, also State Confederate Women's Home.

Bids In and Contracts Awarded

Mass., Cambridge—Contract awarded to STONE & WEBSTER ENGINEERING CO., Milk St., Boston, for two dormitories for Massachusetts Institute of Technology.

Mass., Chelsea—Contract awarded to C. S. CUNNINGHAM & SONS CO., 101 Tremont St., at $80,000, for school. Noted Sept. 23.

Mass., Deerfield—Contract awarded to ALLEN BROS., Amherst, Mass., for library for Deerfield.

Mass., Medford—Contract awarded to MARR BROS. & STEWART CO., 319 Washington St., at about $75,000, for store at Forest and High St., for F. W. Morris, 582 Massachusetts Ave., Cambridge. Noted Aug. 5.

Mass., Wellesley—Contract awarded to J. W. BISHOP CO., Worcester, at about $200,000, for dormitory for Wellesley College. Noted Sept. 16.

R. I., Providence—(Official)—Contract awarded to FAMIGLIETTI BROS CO., Dean St. and Broadway, Providence, at $38,865, for police station at Wayland Ave. and Sessions St. Noted Sept. 30.

Conn., Bridgeport—Contract awarded to W. J. SHAUGHNESSY, Derby, at $46,500 for high school.

N. Y., Hicksville—(Official)—Contract awarded to WINES & HOMAS, Mattituck, for bank building for Bank of Hicksville. Noted Sept. 23.

N. Y., New York—(Borough of Manhattan)—(Official)—Contract awarded to A. L. MORDECAI & SON, 30 East 42d St., at $70,000, for six-story, 28x100-ft. showroom and office building at Park Ave. and 57th St., for H. B. Anderson, 15 Broad St.

N. Y., New York—(Borough of Manhattan)—(Official)—Contract awarded to FOUNTAIN & CHOATE, 110 East 23d St., at $100,000, for alterations to building at 18th St. and Broadway for Arnold Constable Co., 881 Broadway. Cady & Gregory, Arch.

N. Y., Pearl River—(Official)—Contract awarded to J. B. SCHULTZ, Suffern, N. Y., at $40,000, for laboratory for Lederle Anti-toxin Laboratory. William E. Austin, 46 West 24th St., New York, Arch.

N. J., Elizabeth—John Laurie, Jr., at $82,854, was low bidder for Winfield Scott school and John M. Vose, at $41,442 was low bidder for El Mora school. Noted Sept. 16.

Penn., Dormont—Contract awarded to I. N. DUSHANE & SONS, Carnegie, for Masonic Hall. Noted Aug. 12.

Penn., Philadelphia—Contract awarded to CRAMP & CO., Philadelphia, at about $500,000, for ten-story building at Ninth and Sansom St. Frederick Webber, Philadelphia, Arch.

Penn., Philadelphia—Contract awarded to DOYLE & CO., 1519 Samson St., at $125,000 for three-story and basement, 57x118-ft., school at 416 Queen St. for E. W. Bok.

W. Va., Bluefield—Contract awarded to JOHN F. BARBER & SONS at about $45,000, for school on Rockridge St.

Ga., Chatsworth—Contract awarded to H. J. CARR & CO. for courthouse. Alexander Blair, Macon, Arch.

Ohio, Cincinnati—Contract awarded to FERRO CONCRETE CO., at $452,519, for East High School at Erie and Madison Ave. by Board of Education. Garber & Woodward, Arch. Noted Oct. 7.

Ohio, Cleveland—Contract awarded to MILES CONSTRUCTION CO., Cleveland, at $50,000, for masonic temple for Glenville Masonic Temple Co.

Ohio, Cleveland—Contract awarded to CROWELL-LUNDOFF-LITTLE CO., 1957 East 51st St., Cleveland, at about $600,000, for 13-story commercial and office building on Euclid Ave. for Union National Bank.

Ohio, Cleveland—Contract awarded to UHL-JASTER CO., 1900 Euclid Ave., Cleveland, at about $80,000, for two-story theater and commercial building at Detroit Ave. and Hird St. for Schmitt Realty Co. Noted Aug. 26.

Ohio, Toledo—Contract awarded to H. J. SPIEKER CO., Toledo, at $47,000, for three-story, 25x140-ft. store and loft building for Parks Bldg. Edward Thal, Ohio Bldg., Arch.

Wis., Neenah—Contract awarded to C. R. MEYER & SON, Oshkosh, for hotel and store for Merchants' & Manufacturers' Hotel Co. Estimated cost, $75,000. Noted Sept. 30.

Iowa, Charter Oak—Contract awarded to FRANK LEE, Carroll, for school. Noted Aug. 26.

Minn., Winona—Contract awarded to SEIDLITZ & WERNER, Winona, at $86,820, for high school by Board of Education.

Neb., Lincoln—Contract awarded to SELDEN-BRECK CONSTRUCTION CO., Omaha, at $121,969, for botany and zoology buildings and equipment for University of Nebraska. Noted Sept. 16.

Neb., Seward—Contract awarded to HENRY OHLSON & SON CO., David City, $43,988, for school.

Mo., Kansas City—Contract awarded to ARTHUR PERRY, 1701 Elmwood Ave., at $60,000, for two-story brick church at 12th St. and Bales Ave. for Bales Avenue Baptist Church. Noted Aug. 19.

Mo., St. Louis—All bids for Benton High School gymnasium rejected. Frank & Gordon, Donnelly Court Bldg., revising plans.

Mo., St. Louis—Contract awarded to MURCH BROS. CONSTRUCTION CO., at about $500,000, for theater for Orpheum Theater Circuit at Ninth and St. Charles St. Noted July 29.

CATALOG NOTICES

The Minwax Co., 18 E. 41st St., New York. Bulletin No. 1. Sub-Level Waterproofing. Illustrated, 12 pp., 8½x11 in.

The A. Lietz Co., 632-34 Commercial St., San Francisco, Calif. Manual of Modern Surveying Instruments and Catalog and Price List of Scientific Instruments. Twelfth Edition. Illustrated, 302 pp., 6x9 in.

Trussed Concrete Steel Co., Youngstown, Ohio. Bulletin No. D212. Kahn building products for railroad structures. Illustrated, 8½x11 in.

Walter A. Zelnicker Supply Co., St. Louis, Mo. Bulletin No. 180. Second-hand equipment.

Yawman & Erbe Mfg. Co., Rochester, N. Y. Pamphlet. Vertical file for blue prints. Illustrated, 16 pp., 5x7½ in.

Sullivan Machinery Co., 122 S. Michigan Ave., Chicago, Ill. Catalog No. 110. Catalog in Spanish. Air compressors, rock drills, etc. Illustrated, 68 pp., 6x9 in.